SEQUENCE LISTING

<110> Schackert, Hans Konrad
Hahn, Matthias

<120> Method for Identifying Organisms by Means of Comparative Genetic Analysis and Primers and Hybridisation Probes for Carrying Out This Method

<130> 012627-025

<140> US 09/936,738
<141> 2001-09-17

<150> PCT/EP00/02330
<151> 2000-03-16

<150> DE 199 11 656.3
<151> 1999-03-16

<150> DE 199 64 112.9
<151> 1999-12-31

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aggtcaagtc taagtcgaat c 21

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acttaga 67

<210> 65
<211> 68
<212> DNA
<213> Chimpanzee

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gacttaga 68

<210> 66
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<213> Pig

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taga 64

<210> 67
<211> 64
<212> DNA
<213> Wild boar

<400> 67
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taga 64

<210> 68

<211> 67
<212> DNA
<213> Cattle

<400> 68
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acttaga 67

<210> 69
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acttaga 67

<210> 70
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<212> DNA
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cttagac 67

<210> 71
<211> 68
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gacttaga 68

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acttaga 67

<210> 73
<211> 66
<212> DNA
<213> Roe deer

<400> 73
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cttaga 66

<210> 74
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<212> DNA
<213> Goitred gazelle

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acttaga 67

<210> 75
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<400> 76
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<210> 77
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<212> DNA
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cttagac 67

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gacttagac 69

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actta 65

<210> 80
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<212> DNA
<213> Antelope

<400> 80
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<210> 81

<211> 65
<212> DNA
<213> Kangaroo

<400> 81
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ttaga 65

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<210> 83
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex2R antisense

<400> 83
cttactacat catcaatatt gttcc 25

<210> 84
<211> 69
<212> DNA
<213> Man

<400> 84
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tattgatga 69

<210> 85
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tgatgatgt 69

<210> 86
<211> 70
<212> DNA
<213> Domestic pig

<400> 86
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attgatgatg 70

<210> 87
<211> 71
<212> DNA
<213> Wild boar

<400> 87
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tgatgatgta g 71

<210> 88
<211> 63
<212> DNA
<213> Cattle

<400> 88
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tga 63

<210> 89
<211> 62
<212> DNA
<213> Sheep

<400> 89
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at 62

<210> 90
<211> 58
<212> DNA
<213> Goat

<400> 90
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tgat 64

<210> 92
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<400> 92
tttatccaaa cattattgct atggggtttc ctgcagaaag acttgaaggc gtatacagga 60
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<210> 93
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<210> 94
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<212> DNA
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attga 65

<210> 95
<211> 64
<212> DNA
<213> Horse

<400> 95
attattgcta tggggtttcc tgcagaaaga cttgaaggcg tatacaggaa caatattgat 60
gatg 64

<210> 96
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<222> (1)...(67)
<223> n = A,T,C or G

<400> 96
ttccaaacat tattgctatn gggtttcctg cagaaagact tgaaggcgta tacnggaaca 60
atattga 67

<210> 97
<211> 65
<212> DNA
<213> Sun bear

<220>
<221> misc_feature
<222> (1)...(65)

<223> n = A,T,C or G

<400> 97
tccaaacatt attgctatng ggtttcctgc agaaagactt gaaggcgtat acaggaacaa 60
tattg 65

<210> 98
<211> 62
<212> DNA
<213> Rabbit

<400> 98
gctatgggat ttcctgcaga aagacttgaa ggcgtataca ggaacaatat tgatgatgta 60
gt 62

<210> 99
<211> 59
<212> DNA
<213> Hare

<400> 99
acattattgc tatgggattt cctgcagaaa gacttgaagg cgtatacagg aacaatatt 59

<210> 100
<211> 48
<212> DNA
<213> Antelope

<400> 100
ttgctatggg gtttcctgca gaaagacttg aaggcgtata caggaaca 48

<210> 101
<211> 77
<212> DNA
<213> Turkey

<400> 101
tttatccaaa cattattgct atgggttttc ctgcggagag gcttgaagga gtataccgga 60
acaatattga tgatgta 77

<210> 102
<211> 73
<212> DNA
<213> Chicken

<400> 102
atttatccaa acattattgc tatgggtttt cctgcggaga ggcttgaagg agtataccgg 60
aacaatattg atg 73

<210> 103
<211> 61
<212> DNA
<213> Duck

<400> 103
ttattgctat gggttttcct gcagagaggc ttgaaggagt gtaccggaac aatattgatg 60
a 61

<210> 104
<211> 62
<212> DNA
<213> Quail

<400> 104
cattattgct atgggttttc ctgcggagag gcttgaagga gtataccgga acaatattga 60
tg 62

<210> 105
<211> 73
<212> DNA
<213> Goose

<400> 105
tttatccaaa cattattgct atgggttttc ctgcagagag gcttgaagga gtgtaccgga 60
acaatattga tga 73

<210> 106
<211> 66
<212> DNA
<213> Ostrich

<400> 106
ccaaacatta ttgctatggg ttttccggcg gagaggcttg aaggagtgta ccggaacaat 60
attgat 66

<210> 107
<211> 59
<212> DNA
<213> Pigeon

<400> 107
cattattgct atgggttttc ctgcggagag gcttgaagga gtataccgga acaatattg 59

<210> 108
<211> 60
<212> DNA
<213> Varan

<400> 108
cattattgct atgggttttc ctgcggagag gcttgaagga gtataccgga acaatattga 60

<210> 109
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Zoo43sUV

<400> 109
tgtgctgaga gacattatga c 21

<210> 110
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Zoo44aRV

<400> 110
ttgtctctgg tccttacttc 20

<210> 111
<211> 654
<212> DNA
<213> Man

<400> 111
ttatgacacc gccaaattta attgcagagt atgaatgtac tgtactatgt tgtataactt 60
aaacccgata gactgtatct tactgtcata acaataatga gtcatccaga ttatcgagtg 120
agatacatat ttaagaatta tctttaaaaa tttcaaaaat tttaatttta ctgttgtgtt 180
ttaggaaaaa gtattgcata aagctattaa tattgtcagg aagactaaag tgcagcatag 240
actaagaatt aggaaaattc ctagactaaa aatagtataa ggagagggtt tacctactat 300
ttgaggcagt tggtctaata gtaagcaatc acagggagaa agcagaacta cttaactctt 360
ctgtgttgag gaatgacata aaaggtagga aaggatataa caaatgttga taagaggagt 420
ctgatggatg agaggaggga actgctttaa atgagtttct acttcagaca taagttaatt 480
ctcagagccc acaaaaactt tcacttttat ttgtgaaata caactcagtt ctcatggctt 540
aacactttaa accatgagaa aactgaagag ttgagagctt ggcagatgct gctgtgatag 600
tcaaaagaaa gtgggtgcat gagctactat tgatgtattt gccatggtcc ctcc 654

<210> 112
<211> 582
<212> DNA
<213> Dog

<400> 112
atgtaataaa tatgcacaaa tcattacacc agttcgtccc tttccagctt tacagtgaat 60
tgctgcaaca tgattgtcat cttcacttag ccattggtca agatcttcac aaaagggttt 120
gataagttct agctgtggtg gattatggtc ttcaaaagga tactgtgcaa ctgtggtaaa 180
aagataacct cagaattaga aaaaagtctt tcctgaactg tttattaaaa gtaggttaac 240
tttagaaaca ttgcatgtaa gcttaacaga tgtttaaaag aaaaacggaa ctccagagaa 300
aaataatttg ctgtctgata attttccaat ttttgaatag aaaatagtct ctcattaatt 360
cttaaaccta ccactadgag agagaggcta agcattattt tcccccactt taatgaaaga 420
ggaaactttg caatggagag ggagcacacg tcaacatatc agagggaaga ggcaaactca 480
aaatgaaatg gcacacaggt ttcctgtcag ggctctcaat gcattttctg acaaaaggag 540
tcataatatt tataatacta cgtcatccaa aatatatatt cc 582

<210> 113
<211> 376
<212> DNA
<213> Cattle

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 113
taggtacaca tattgtgtta gataacttga agccaacagt ctaaatttta ctgtcatacc 60
aataatgaat aatctcaagt attaagtgat atatttatct taaagatggt ctgagaaaat 120

ttgaaattaa ttttgctgtt gtgtttttgg aaataagtat catgtaaatg aggaagacta 180
aattgaatta actgaaaact aggagaaatt tatagactaa cagaataaat agagggttat 240
atctgtgatt tgaggcattt ggcatgatag taagagatta caggggagaa aggagaatgg 300
cttaattctg taatggaaca tgacctgtac agtgggaaaa ggggtataat gaantatgga 360
tnaaaaggag cctgaa 376

<210> 114
<211> 673
<212> DNA
<213> Mouse

<400> 114
ttatgacacc gccaaattta actgcagagg tatgtataaa cataaccaca gcatactgta 60
taactaaaga ccaatagact tgtcttttac tgcctggtga taattatcaa gattagtgag 120
ataaaaatct taagaatggc ctttgacaat taaaaaaagt gtatttaatg ttagagttgt 180
tctttaagac ctatctattg tcaggaaaac taaatcacag aatacttgga gaggtcccaa 240
gactaaacta ggattggagg tgcttattga cggtgtggga cagctagcgc tgctggaaac 300
aatcacaaga agagagcaga accattttaa cttttctaca tcgaagaatg gcataaagtt 360
aggaaaagat gtagcatcgg tctgtctgtc tgtctgtctg cctgtctgtc ttctcagaat 420
catgaagcac taaggagtaa gtaagaacag tttctggggg accgacagac ctaggctact 480
gctcattagg aaacatgcca tggttgaagg tcacttagct ttaaatgtac attttaacag 540
actcttgaat gttcttgtgt gccactgggg gaaatgaggt cgggagcaca gttagacaga 600
tggttaagta aaagctggcc tgcagcctct tggtgaatgt agtttgccat tgtttaccac 660
agagctttcc tgt 673

<210> 115
<211> 411
<212> DNA
<213> Horse

<400> 115
aatgtacagt attttgttat ataactgaaa accagtagac taagtcttac tgtcacagca 60
gtaatgaata ctcttgatta ttaagtgaga taaatattta tcttaaaaag ataatcttag 120
aaaatttgaa aaataaattt aactttgctg ttgtatttta gaaaacaagt atcatataaa 180
ccaactggta gtattaggaa gactaaattg aagaatagac taagaattag gatgtaatag 240
taagagattg catggagaaa gcagaacgac ttaactctgg caaggagcgt gacctaaaag 300
gtggaaaagg gtataacaga tgtggataca aggagcctga acagatgaga gcagggaact 360
gcttcaaatg agttcttttc caagtatagt aaattgtttc tcagagccca c 411

<210> 116
<211> 566
<212> DNA
<213> Sheep

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 116
aaaaatttgc nnnngatgta acaaatatgc acaaatcatt acaccagttc gtccctttcc 60
agctttacag tgaattgctg caacatgatt gtcatcttca cttagccatt ggtcaagatc 120
ttcacaaaag ggtttgataa gttctaactg ttggtggatt atggtcttca aagggatact 180
gtgcaactgt gataaaaaga taaccgcaga tatatgaaaa taatctcact tgaattgctt 240
attacaagta ggctaacttt agaaatgttg catacaaata gtttaaaaat gtctgaacta 300
tagaggaaaa gaatttattg tctgataatt ttctaatttt cgaacagaaa ataatctctc 360
attaactcaa atttatccat tcgacaggta agacaagtat tatttcctca ctctatgatg 420

gaggcaatgg aggagcaaca tatcagaggt cacaacataa cggaggaaga ggcaaactca 480
gaatgaaacg tcgcacgagc ctcttagcag ggctctcaat acgttcctag caaaagggac 540
tggtaacatc tataatatcg cattat 566

<210> 117
<211> 497
<212> DNA
<213> Turkey

<400> 117
aagctgcatt ttgccaggtg taaggaactg acagagacaa ccaagaccaa agcatttcag 60
gctgaattcc cctckttcct cccacctcct ctgaacaaat ggaggttctg acagagtgga 120
gagattaatt cagaatatgt gtgcacagta cacctggcag accccacaaa gcttggctca 180
aagaacaaag atgaaacaaa ggcatgaata gagcagtaga aggatttaca aaaggacaaa 240
agatgggcag ccatttaaag gtgacagtaa tttcttaagt aaatgtcaaa actcttcaaa 300
gaagcaaggg ggataatatt catgaatact taaggctgaa acgtgaacat gttgatttgc 360
catttggaag gttatgtttc cttcttatct cctctctgat agcttcaata atgggcacta 420
aaattcgttc ctgaaaaaat gcaaagaaat cactcagtgt ctgaggacgt gttgatttca 480
catgtattga aatcagt 497

<210> 118
<211> 365
<212> DNA
<213> Trout

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 118
cattatgacn nnnnnnnatt caattgcaga ggattagata ttacatcaga gtgaaaccat 60
tatcactgtc tttcaggcag tcagtgaatg aatcaatctt tcactaaaaa cccacgtgtg 120
acgctaacta actgagcccg gtctctgtct gtctctctcc agttgcacaa tatccgtttg 180
aggatcacaa tccgccccag ctggagctga tcaaaccgtt ctgcgaagat cttggccttt 240
ggttaagtga agacgacaat catgtggcgg cgattcactk taaarctgga aaggacgtac 300
gggtgtcatg atctgtgctt acctgttaca ccggggcaag ttcctcaaag cacaagaagc 360
tctcg 365

<210> 119
<211> 656
<212> DNA
<213> Roe deer

<400> 119
gtataggtac acttactatg ttagataact tgaggccaac agtctaaatt ttactatcat 60
accagtaatg aataatctca agtattaagt gatacagtca tcttaaagat gatcttagaa 120
aatttgaaat taattttgct gttgtgtttt tggaaacaag tgtcatgtaa atgagggaga 180
ctaaactgaa ttaactgaaa actaggagaa atttatagac tgacagaata aagaaagggt 240
tatatctgtg atttgaggca tttggcgtaa tagtaagaga ttacagggag aaaggagaat 300
gatttaattc tataatggaa catgacctgc acagtggaaa aagggtataa tgaaatataa 360
awaaaaggag cctgatagat gagagcaaga actgctttaa gtgaattttt ctccaggtat 420
agtatatttt atctcagagt ccacaaatac tttcatttgt ttttgtggaa ctcttagaac 480
gacgagagac caggaacatt gagaagctaa tatatttgcc attgttcctt cctaaatatt 540
tagcacaggc tttcaaacag ttggtttaag aattcagaag tgctaataac tgagagcaag 600
ggtagattta ttactaagaa tgtttcattt ttggtggatt ttgctatttc tggtca 656

<210> 120
<211> 405
<212> DNA
<213> Deer

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 120
gtataggtac actttnnaag ccaacagtct aaattttact gtcataccaa taatgaataa 60
tctcaagtat taagtgatat atttatctta aagatgatct tagaaaattt gaaactaatt 120
ttgctgttgt gtttttggaa acaagtgtca tgtaaatgag ggagaccata actgaattaa 180
ctgaaaactg ggaaaaattt atagactaac agaataaaga aagggttata tctgtggttt 240
gaggcgtttg acgtaatagt aagagattac agggagaaag gagaatgact taattctata 300
atggaacacg acctgcacag tggaaaaagg gtataatkaa atgtagataa aggagcctga 360
tagttgagag caagaactgc tttaagtgag tttttctcca ggtgt 405

<210> 121
<211> 522
<212> DNA
<213> Chimpanzee

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

<400> 121
cattatgacn nnnnnnnnnn nnattgcaga ggtaggtatg aatgtactgt actatgttgt 60
ataacttaaa cccgatagac tgtatcttac tgtcataaca ataatgagtc atctagatta 120
tcgagtgaga tacatattta tcttaagaat tatctttaaa aatttcaaaa attttaattt 180
tactcttgtg ttttaggaaa aaagtattgc ataaagctat taatattgtc aggaagacta 240
aagtgcagca tagactaaga atgaggaaaa ttcctagact nnaatagtat aaggagaggg 300
tttacctact atttgaggca gttggtctaa tagtaagcaa tcacagggag aaagcagaac 360
tacttaactc ttctgtgttg aggaatgaca taaaaggtag gaaggatata acaaatgttg 420
ataagaggag tctgatggat gagaggaggg aactgcttta aatgagttct acttcagaca 480
tadgttaatt ctcagagccc acaaaacttt cacttttatt tg 522

<210> 122
<211> 666
<212> DNA
<213> Gorilla

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 122
cattatgacn nnnnnnnatt taattgcaga ggtaggtatg aatgtdctgt actatgttgt 60
ataacttaaa cccgatagac tgtatcttac tgtcataaca ataatgagtc atctagatta 120
tcgagtgaga tacatattta tcttaagaat tatctttaaa aatttcaaaa attttaattt 180
tactcttgtg ttttaggaaa aaagtattgc ataaagctat taatattgtc aggaagacta 240
aagtgcagca tagactaaga atgaggaaaa ttcctagact nnnaatagta taaggagagg 300
gtttacctac tatttgaggc agttggtcta atagtaagca atcacaggga gaaagcagaa 360

ctacttaact cttctgtgtt gaggaatgac ataaaaggta ggraaggata taacaaatgt 420
tgataagagg rgtctgatgg atgagaggag ggaactgctt taaatgagtt ctacttcaga 480
cataagttaa ttctcagagc ccacaaaaac tttcactttt atttgtgaaa tgcaactcag 540
ttctcatggc ttaacacttt aamccatgag agactgaaga gttgagaagc ttggcagatg 600
ctgctgtgat agtcaaaaag aaagtgggtg ccatgagcta ctattgatgt atttgccatt 660
gatccc 666

<210> 123
<211> 741
<212> DNA
<213> Orang-utan

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

<400> 123
cattatgacn nnnnnaaatt taattgcaga ggtaggtacg aatgtactgt gctatgttgt 60
ataacttaaa cacaatagac tgtatcttac tgtcataaca ataatgactc atctagatta 120
ttgagtgaga tacatattta tcttaagawt tatcttaaaa aatttcagaa aatttaattt 180
tactgttgtg ttttaggaaa aacgtattgc ataaagctat taatattgtc aggaaaagtg 240
cagagtagac taagaattag gaaaattcct agactaaaan nnnataagga gagggtttac 300
ctactgtttg aggcagttgg tctaatagta agcgattata gggagaaagc agaactactt 360
aactcttctg tgttgaggaa tgacatgaaa ggtaggaaag gatataacaa atgttgataa 420
gaggagcctg atggatgaga ggagggaact gctttaaatg agttctactt cagacataag 480
ttaattctca gagcccacaa aaactttcac tttcatttgt gaaatacaac tcagttctca 540
cggcttaaca ctttaaacca tgagagaact gaagagttga gaagcttggc agatgcttct 600
gtgatagtca aaaagaaagt gggtgccatg agctactatt gatgtatttg ccattgatcc 660
cycctgaaaa tctagaatgg actttcagac aaatggtttg aaaatcctaa atcactaatg 720
attgggattt agtatagatt c 741

<210> 124
<211> 608
<212> DNA
<213> Orang-utan

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 124
cattatgacn nnnncaaatt taattgcaga ggtaggtacg aatgtactgt gctatgttgt 60
ataacttaaa cacaatagac tgtatcttac tgtcataaca ataatgactc atctagatta 120
ttgagtgaga tacatattta tcttaagaat tatcttaaaa datttcagaa aatttaattt 180
tactgttgtg ttttaggaaa aacgtattgc ataaagctat taatattgtc aggaaaagtg 240
cagagtagac taagaattag gaaaattcct agactaaaat nnnataagga gagggtttac 300
ctactgtttg aggcagttgg tctaatagta agcgattata gggagaaagc agaactactt 360
aactcttctg tgttgaggaa tgacatgaaa ggtaggaaag gatataacaa atgctgataa 420
gaggagcctg atggatgaga ggagggaact gctttaaatg agttctactt cagacataag 480
ttaattctca gagccacaaa aactttcact ttcatttgtg aaatacaact cagttctcac 540
ggcttaacac tttaacccat ggagagacct gaagagttgg agaagcttgg cagatgcttc 600
tgtgatag 608

<210> 125
<211> 402

<212> DNA
<213> Banting cattle

<400> 125
gagagacatt atgacaccgc caaatttaat tgcagaggta agtataggta cacatattat 60
gttagataac ttgaagccaa cagtctaaat tttactgtca taccaataat gaataatctc 120
aagtattaag tgatatattt atcttaaaga tggtctgaga aaatttgaaa ttaattttgc 180
tgttgtgttt ttggaaataa gtatcatgta aatgaggaag actaaattga attaactgaa 240
aactaggaga aatttataga ctaacagaat aaatagaggg ttatatctgt gatttgaggc 300
atttggcatg atagtaagag attacaggga gaaaggagaa tggcttaatt ctgtaatgga 360
acatgacctg tacagtggaa aagggtataa tgaaatatgg at 402

<210> 126
<211> 479
<212> DNA
<213> Indian elephant

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 126
gacattatga cnnnnnnnnn nnnnnntgca gaggtaggta taaatgtttt atagtatgtt 60
gtataactta aaaccaaaag tctaaatatt actgccatag caatagtgaa tattctagat 120
tattaagtaa gataaatatt tatcttaagg atggtcttaa aaatttgagg gaaataaatt 180
taatttttaat attatgtttt agaacaagta tcccataacc ctatgagtaa tgtcgtgaag 240
accaaaataa agaataggct aagaattagg agaaattcct aggataagaa taaaataagg 300
aaggggggca tgcctagtgt ttgaggcagt tggtgtaata ctaagagatt atatggagaa 360
agcaggacta ctcaattctt ctctatcaaa gagaataacc taaagggtgg aaaagagtat 420
aacaaatgtg gataagagga gcttgagaac gagagtgggg agatgcttta aatgagctc 479

<210> 127
<211> 284
<212> DNA
<213> Fishing cat

<400> 127
gagagacatt atgacaccgc caaatttaac tgcagaggta ggtattaaht gcagagtaat 60
gtattatgtt atataactyc aaaccagtag actaaatctt actgtcatag cagtgatgaa 120
taatctcatt attaagtgag ataaatattt atcttcaaga tggtcttaaa aaatttgcaa 180
aacaaattta attttgctgt tgtgttttgg gaagcaagta tcctataaac ctgccggtac 240
taactagtag gaagactaat cccagagtag actaagaatt tgga 284

<210> 128
<211> 290
<212> DNA
<213> Sun bear

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 128
gagagacatt atgacnnnnn nnnnnnnaac tgcagaggta ggtaaaaact gccaagtaat 60
gtatttatgt tgtataactt aaaaccagta gaccaaatct tactatcata gcagtaatga 120

ataatctcaa ttaattaagt ggaagtaaat tatttatctt aaagatggtc ttagacactt 180
tggaaaacta atttaatatt gctgttgtgt tttaggaagc agttatcata taaacctgcc 240
agtactagta cgaatactaa aacgcagagt agactctaaa attgaggaaa 290

<210> 129
<211> 272
<212> DNA
<213> Dwarf goat

<400> 129
gagagacatt atgacaccgc caaatttaat tgcagaggta agtacaggta cacatattat 60
gttaggtaac ttgaagccaa cagtctaaat tttactgtca taccaataat gaataatcac 120
aagtattaag taatatattt atgttaaaga tggcctgaga aaatgtgaaa ttaactttgc 180
tgttgtgttt ttggaaataa gtatcatgta aatgaggatg actaaattga attaactgaa 240
aactaggaga agtttataga ctaacagaat ag 272

<210> 130
<211> 327
<212> DNA
<213> Guinea pig

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 130
gagagacatt atgacnnnnn nnnatttaat tgcagaggta tgtataaata taccatggtc 60
tggggtatga ttgaaaacca ataggctgtg ttttattatc agcaataatg gatcatttaa 120
attattagaa aagataaata ttttttcttta attatagtct gagataattt gaaaatacta 180
atttttggt tgagctttag aaatcatgtg tcaggtaaat ctgtcaatgt tgtccggaaa 240
actcgagtac atagtagact taagaattag gataaattac taaactgata atggaataaa 300
gaggatattt acctgctgct tgaaaca 327

<210> 131
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Zoo43sUV

<400> 131
tgtgctgaga gacattatga c 21

<210> 132
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Zoo44aRV

<400> 132
ttgtctctgg tccttactt 19

<210> 133

<211> 281
<212> DNA
<213> Man

<400> 133
ttgtctctgg tccttacttc cccatagaaa tctagggcct cttgtgcctt taaaaatttg 60
ccccgatgta ataaatatgc ataaatcatt ataccagttc gtccctttcc agctttacag 120
tgaattgctg caacatgatt gtcatcttca cttagccatt ggtcaagatc ttcacaaaag 180
ggtttgataa gttctagctg tggtgggtta tggtcttcaa aaggatattg cgcaactctg 240
taattagatt tggcggtgtc ataatgtctc tcagcacaac t 281

<210> 134
<211> 271
<212> DNA
<213> Chimpanzee

<400> 134
ggtccttact tccccataga aatgtagggc ctcttgtgcc tttaaaaatt tgccccgatg 60
taataaatat gcataaatca ttataccagt tcgtcccttt ccagctttac agtgaattgc 120
tgcaacatga ttgtcatctt cacttagcca tcggtcaaga tcttcacaaa agggtttgat 180
aagttctagc tgtggtgggt tatggtcttc aaaaggatat tgcgcaactc tgtaattaga 240
tttggcggtg tcataatgtc tctcagcaca a 271

<210> 135
<211> 271
<212> DNA
<213> Oran-utan

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 135
tggtccttac ttccccatag aaatctaggg cctcttgtgc ctttaaaaat ttgccccgat 60
gtaataaata tgcacaaatc attacaccag ttcgtccctt tccagcttta cagtgaattg 120
ctgcaacatg attgtcatct tcacttagcc attggtcaag atcttcacaa aagggtttga 180
taagttctag ctgtggtggg ttatggtctt caaaaggata ttgtgcaact nnnnnnnnnn 240
nnnnnnnnnn gtcataatgt ctctcagcac a 271

<210> 136
<211> 268
<212> DNA
<213> Gorilla

<400> 136
ctggtcctta cttccccaga gaaatctagg gcctcttgtg cctttaaaaa tttgccccga 60
tgtaataaat atgcataaat cattatacca gttcgtccct ttccagcttt acagtgaatt 120
gctgcaacat gattgtcatc ttcacttagc cattggtcaa gatcttcaca aaagggtttg 180
ataagttcta gctgtggtgg gttatggtct tcaaaaggat attgtgcaac tctgcaatta 240
aatttggcgg tgtcataatg tctctcag 268

<210> 137
<211> 306
<212> DNA
<213> Domestic pig

<400> 137
tctctggtcc ttacttcccc atagaaatct tgtgccttta aaaatttgcc cggatgaaac 60
aaatatgcac aaatcattac accagttcat ccttttccag gtttacagtg aattgctgca 120
acatgattgt catcttcact tagccattgg tcaagatctt cacaaaaagg tttgataaat 180
tctagctgtg gtggattatg atcttcaaaa ggatactgtg caactctgca gttaaatgtg 240
gcggtgtcat aatgtctctc agcacaactc tgcaattaaa tttggcggtg tcataatgtc 300
tctcag 306

<210> 138
<211> 258
<212> DNA
<213> Wild boar

<400> 138
tctctggtcc ttacttcccc atagaaatct tgtgccttta aaaatttgcc cggatgaaac 60
aaatatgcac aaatcattac accagttcat ccttttccag gtttacagtg aattgctgca 120
acatgattgt catcttcact tagccattgg tcaagatctt cacaaaaagg tttgataaat 180
tctagctgtg gtggattatg atcttcaaaa ggatactgtg caactctgca gttaaatgtg 240
gcggtgtcat aatgtctc 258

<210> 139
<211> 18
<212> DNA
<213> SPL5 senseArtificial Sequence

<220>
<223> SPL5 sense

<400> 139
aaatttaatt gcagaggt 18

<210> 140
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Zoo44aRV antisense

<400> 140
ttgtctctgg tccttacttc 20

<210> 141
<211> 712
<212> DNA
<213> Man

<400> 141
ttgtctctgg tccttacttc cccatagaaa tctagggcct cttgtgcctt taaaaatttg 60
ccccgatgta ataaatatgc acatatcatt acaccagttc gtccctttcc agctttacag 120
tgaattgctg caacatgatt gtcatcttca cttagccatt ggtcaagatc ttcacaaaag 180
ggtttgataa gttctagctg tggtgggtta tggtcttcaa aaggatattg tgcaactgtg 240
gtaaaaagat aacctcagaa taagaaaaaa aaactcttga atttttaatt aacaagtagg 300
taactttaga aatgttgcat acaaacttaa caggtattta aaagaaacac tggattccag 360
agaaaaataa tgtattgctt aactttctaa ttgttaaata gaaaatagtc tcttgataag 420
tcttaaatat aatcattaag gaagccaggt attattttcc cccattttat tcaggaggat 480
atattctggg aatttacgct atacggactg gtagcatagg tcacatatta gaggtagagc 540

taaacccaaa atgaactgtc acatggacat ttcgtcagga ctctcaatgc aaaaggaata 600
atactattta tagtatttat ttcatcatca caaaacatat tccaaagaca gaatagttta 660
ctaataggta aactatgcaa agaactacat attacatttc ataaaataaa aa 712

<210> 142
<211> 593
<212> DNA
<213> Chimpanzee

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 142
tggtccttac ttccccatag aaatctaggg cctcttgtgc ctttaaaaat ttgccccgat 60
gtaataaata tgcacaaatc attacaccag ttcgtccctt tccagcttta cagtgaattg 120
ctgcaacatg attgtcatct tcacttagcc attggtcaag atcttcacaa aagggcttga 180
taagttctag ctgtggtggg ttatggtctt caaaaggata ttgtgcaact gtggtaaaaa 240
gataacctca gaataagaaa aaaaaactct tgaattttta attancaagt aggnnnnttt 300
agaatgttgc atacaaactt aacaggtatt taaaagaaac actggattcc agagaaaaat 360
aatgtattgc ttaactttct aattgttaaa tagaaaatag tctcttgata agtcttaaat 420
ataatcatta aggaagccag gtattattct cccccatttt attcaggagg atatattctg 480
ggaatttacg ctatacggac tggtagcata ggtcacatat tagaggtaga gctaaactca 540
aaatgaactg tcacatggac atttcatcag gactctcaat gcaaaaggaa taa 593

<210> 143
<211> 589
<212> DNA
<213> Chimpanzee

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 143
ccttacttcc ccatagaaat ctagggcctc ttgtgccttt aaaaatttgc cccgatgtaa 60
taaatatgca caaatcatta caccagttcg tccctttcca gctttacagt gaattgctgc 120
aacatgattg tcatcttcac ttagccattg gtcaagatct tcacaaaagg gtttgataag 180
ttctagctgt ggtgggttat ggtcttcaaa aggatattgt gcaactgtgg taaaaagata 240
acctcagaat aagaaaaaaa aactcttgaa tttttaatta acaagtaggn nntttagaaa 300
tgttgcatac aaacttaaca ggtatttaaa agaaacactg gattccagag aaaaataatg 360
tattgcttaa ctttctaatt gttaaataga aaatagtctc ttgataagtc ttaaatataa 420
tcattaaggg agccaggtat tattctcccc cattttattc aggaggatat attctgggaa 480
tttacgctat acggactggt agcataggtc acatattaga ggtagagcta aactcaaaat 540
gaactgtcac atggacattt catcaggact ctcatgcaaa aggaataat 589

<210> 144
<211> 593
<212> DNA
<213> Orang-utan

<400> 144
acttccccat agaaatctag ggcctcttgt gcctttaaaa atttgccccg atgtaataaa 60
tatgcacaaa tcattacacc agttcgtccc tttccagctt tacagtgaat tgctgcaaca 120
tgattgtcat cttcacttag ccattggtca agatcttcac aaaagggttt gataagttct 180

agctgtggtg ggttatggtc ttcaaaagga tattgtgcaa ctgtggtaaa aagataacct 240
cagaataaga aaaaaaaact cctgaatttt tcattaacaa gtaggtaact ttagaaatgt 300
tgcatacaaa cttaacaggt atttaaaaga aacactggat tccaaagaaa aataatgtat 360
tgcttaactt tctaattgtt aaatagaaaa tagtctcttg ataagtctta aatataatca 420
ttaaggaagc caggtattat tttcccccat tttattcagg aggatatatt ctggggattt 480
acactatacg gactggtagc ataggtcaca tattagaggt agagctaaac ccaaaatgaa 540
atgtcacatg gacatttcgt caggactgtc aatgcaaaag gaataatact att 593

<210> 145
<211> 724
<212> DNA
<213> Orang-utan

<400> 145
tccttacttc cccatagaaa tctagggcct cttgtgcctt taaaaatttg ccccgatgta 60
ataaatatgc acaaatcatt acaccagttc gtccctttcc agctttacag tgaattgctg 120
caacatgatt gtcatcttca cttagccatt ggtcaagatc ttcacaaaag ggtttgataa 180
gttctagctg tggtgggtta tggtcttcaa aaggatattg tgcaactgtg gtaaaaagat 240
aacctcagaa taagaaaaaa aaactcctga atttttcatt aacaagtagg taactttaga 300
aatgttgcat acaaacttaa caggtattta aaagaaacac tggattccaa agaaaaataa 360
tgtattgctt aactttctaa ttgttaaata gaaaatagtc tcttgataag tcttaaatat 420
aatcattaag gaagccaggt attattttcc cccattttat tcaggaggat atattctggg 480
aatttacact atacggactg gtagcatagg tcacatatta gaggtagagc taaacccaaa 540
atgaaatgtc acaggacatt tcgtcaggac tgtcaatgca aaaggaataa tactatttat 600
agtattatac atcatcacaa acatattcca aagacagaac agattactaa taggataaac 660
tatggaagac tatatattac atttcataaa ataaaaagct aagtgtgtta tttaaagggg 720
gtct 724

<210> 146
<211> 831
<212> DNA
<213> Gorilla

<400> 146
gtccttactt ccccatagaa atctagggcc tcttgtgcct ttaaaaattt gccccgatgt 60
aataaatatg cacaaatcat tacaccagtt cgtccctttc cagctttaca gtgaattgct 120
gcaacatgat tgtcatcttc acttagccat tggtcaagat cttcacaaaa gggtttgata 180
agttctagct gtggtgggtt atggtcttca aaaggatatt gtgcaactgt ggtaaaaaga 240
taacctcaga ataagaaaaa aaactcctga atttttaatt aacaagtagg taactttaga 300
aatgctgcat acaaacttaa caggtattta aaagaaacac tggattccag agaaaaataa 360
tgtattgctt aactttctaa ttgttaaata gaaaacagtc tcttgataag tcttaaatat 420
aatcattaag gaagccaggt attattttcc cccattttat tcaggaggat atattctggg 480
aatttacgct atatggactg gtagcatagg tcacatatta gaggtagagc taaacccaaa 540
acgaactgtc acatggacat ttcgtcagga ctctcaatgc aaaaggaata atactattta 600
tagtatttat wtcatcatca caaaacatat tccaaagaca gaatagatta ctaataggat 660
aaactatgca aagaactaca tattacattt cataaaataa aaatgctaag tgtgttattt 720
aaaggtggtc ttgcaaatgt tagtgttgta tacacatgta atcattaggg aagccaagta 780
ttattttcct ccgttttctg caggagaata cattctggga atctatgctc a 831

<210> 147
<211> 556
<212> DNA
<213> Domestic pig

<400> 147
tctctggtcc ttacttcccc atagaaatct agggcctctt gtgcctttaa aaatttaccc 60
cgatgtaaca aatatgcaca aatcattaca ccagttcgtc cctttccagc tttacagtga 120

attgctgcaa catgattgtc atcttcactt agccattggt caagatcttc acaaaaaggt 180
ttgataagtt ctagctgtgg tggattatgg tcttcgaaag gatactgtgc aactgtggaa 240
aaagataacc tcagaataaa aaaatctctc ctgagttgct aattaaaagt aggttaactt 300
ttgaaatctt gcatataaat tcaatagaga ttttaaataa aaactgaact ccagggaaaa 360
attgtctgat aattttcaaa tagaaaatag aaaataatct cctgttaact caaatttccc 420
cattagatag ggaggccaag tatcattttc cccactttat gaaggaggaa actttgcaat 480
agagtagcaa tgtatcagag gtcacaacgt atcagaaatg gaggtaaact caaaatgaaa 540
tgtcacatga gcccctt 556

<210> 148
<211> 752
<212> DNA
<213> Wild boar

<400> 148
tctctggtcc ttacttcccc atagaaatct agggcctctt gtgcctttaa aaatttaccc 60
cgatgtaaca aatatgcaca aatcattaca ccagttcgtc cctttccagc tttacagtga 120
attgctgcaa catgattgtc atcttcactt agccattggt caagatcttc acaaaaaggt 180
ttgataagtt ctagctgtgg tggattatgg tcttcgaaag gatactgtgc aactgtggaa 240
aaagataacc tcagaataaa aaaatctctc ctgagttgct aattaaaagt aggttaactt 300
ttgaaatctt gcatataaat tcaatagaga ttttaaataa aaactgaact ccagggaaaa 360
attgtctgat aattttcaaa tagaaaatag aaaataatct cctgttaact caaatttccc 420
cattagatag ggaggccaag tatcattttc cccactttat gaaggaggaa actttgcaat 480
agagtagcaa tgtatcagag gtcacaacgt atcagaaatg gaggtaaact caaaatgaaa 540
tgtcacatga gcccttctta tcagggctta ccatatattt tctaacaaaa ggagttgcag 600
tacttataat attggatcat tacaaaatgt atgtttcaaa gaaagtatag ttcactaata 660
aatcaacaat ggaaaagata gcaatttgtg cttcatacaa taaaaatgcc aagcatgtta 720
ttttaaagat ggtcttgcta atagtgctgt at 752

<210> 149
<211> 715
<212> DNA
<213> Cattle

<400> 149
ctctggtcct tacttcccca tagaaatcta gggcctcttg tgcctttaaa aatttgcccc 60
gatgtaacaa atatgcacaa atcattacac cagttcgtcc ctttccagct ttacagtgaa 120
ttgctgcaac atgattgtca tcttcactta gccattggtc aagatcttca caaaagggtt 180
tgataagttc taactgtggt ggattatggt cttcaaaggg atactgtgca actgtgataa 240
aaaaataacc tcagaataag aaaataatct cacttgaatt gcttattaca agtaggttaa 300
ctttagaaat gttgcataca aatagtttaa aaatatctga actatagaga aaaagaattt 360
attgtctgat aattttctaa ttttgaacag aaaataatct ctcattaact caaatttatc 420
cattagacag gtacgtcaag tattattttc ctcactttat gatggaggca atggagtagc 480
aacatatcag aggtcacaac ataacagagg gagaggtaaa ctcaaaatga tacatcacaa 540
gagcctctta tcagggstct caatacattt tctagcaaaa ggaactgtaa tatctataat 600
attgcattat cacaaaatat gtattccaaa gaaagcaaag atcctaataa atcacaatgc 660
aaagactgca ttttatgcta tatatacaga aggcagcata ttattttaaa gatgg 715

<210> 150
<211> 708
<212> DNA
<213> Banting cattle

<400> 150
ggtccttact tccccataga aatctagggc ctcttgtgcc tttaaaaatt tgccccgatg 60
taacaaatat gcacaaatca ttacaccagt tcgtcccttt ccagctttac agtgaattgc 120
tgcaacatga ttgtcatctt cacttagcca ttggtcaaga tcttcacaaa agggtttgat 180

aagttctaac tgtggtggat tatggtcttc aaagggatac tgtgcaactg tgataaaaaa 240
ataacctcag aataagaaaa taatctcact tgaattgctt attacaagta ggttaacttt 300
agaaatgttg catacaaata gtttaaaaat atctgaacta tagagaaaaa gaatttattg 360
tctgataatt ttctaatttt tgaacagaaa ataatctctc attaactcaa atttatccat 420
tagacaggta cgtcaagtat tattttcctc actttatgat ggaggcaatg gagtagcaac 480
atatcagagg tcacaacata acagagggag aggtaaactc aaaatgatac atcacatgag 540
cctcttatca gggctctcaa tacattttct agcaaaagga actgtaatat ctataatatt 600
gcattatcgc aaaatatgta ttccaaagaa agcaaagatc actaataaat caacaatgca 660
aaagactgca ttttatgcta tatatacaga aggcaagcat attatttt 708

<210> 151
<211> 548
<212> DNA
<213> Red buffalo

<400> 151
ggtccttact tccccataga aatctagggc ctcttgtgcc tttaaaaatt ttccccgatg 60
taacaaatat gcacaaatca ttacaccagt tcgtcccttt ccagctttac agtgaattgc 120
tgcaacatga ttgtcatctt cacttagcca ttggtcaaga tcttcacaaa agggtttgat 180
aagttctaac tgtggtggat tatggtcttc aaagggatac tgtgcaactg tgataaaaag 240
ataacctcag aataagaaaa taatctcact tgaattgctt attacaagta ggttaacttt 300
agaaatgttg catacaaaga gtttaaaaat atctgaacta tagagaaaaa gaatttattg 360
tctgataatt ttctaatttt gaacagaaaa taatctctca ttaactcaaa tttatccatt 420
agacaggtaa gtcaagtatt attttcctca ctttatgatg gaggcaatgg gtagcaacat 480
atcagaggca caacataaca gaggggaaag gtaaactcaa aatgaaacat cacatgagcc 540
tcttatca 548

<210> 152
<211> 700
<212> DNA
<213> Sheep

<400> 152
tctggtcctt acttccccat agaaatctag ggcctcttgt gcctttaaaa atttgccccg 60
atgtaacaaa tatgcacaaa tcattacacc agttcgtccc tttccagctt tacagtgaat 120
tgctgcaaca tgattgtcat cttcacttag ccattggtca agatcttcac aaaagggttt 180
gataagttct aactgtggtg gattatggtc ttcaaaggga tactgtgcaa ctgtgataaa 240
aagataaccg cagaataaga aaataatctc acttgaattg cttattacaa gtaggctaac 300
tttagaaatg ttgcatacaa atagtttaaa aatrtctraa ctatagagga aaagaattta 360
ttgtctgata attttctaat tttcgaacag aaaataatct ctcattaact caaatttatc 420
cattcgacag gtaagacaag tattattttc ctcactctat gatggaggca atggaggagc 480
aacatatcag aggtcacaac ataacggagg aagaggcaaa ctcagaatga aacgtcgcac 540
gagcctctta gcagggctct caatacgttt cctagcaaaa ggaactgtaa catctataat 600
atcgcattat cacaaaacat gtattccaaa gaaagtacag atcactaata agtcaacaat 660
gcagaagact gcattttatg cttgacgtga cagaaaggca 700

<210> 153
<211> 780
<212> DNA
<213> Bighorn

<400> 153
ccttacttcc ccatagaaat ctagggcctc ttgtgccttt aaaaatttgc cccgatgtaa 60
caaatatgca caaatcatta caccagttcg tcccttttcca gctttacagt gaattgctgc 120
aacatgattg tcatcttcac ttagccattg gtcaagatct tcacaaaagg gtttgataag 180
ttctaactgt ggtggattat ggtcttcaaa gggatactgt gcaactgtga taaaaagata 240
accgcagaat aagaaaataa tctcacctga attgcttatt acaagtaggc taactttaga 300

aatgttgcat acaaatagtt taaaaatatc tgaactatag tggaaaagaa tttattgtct 360
gataattttc taattttcga acagaaaata atctctcatt aactcaaatt tatccattcg 420
acaggtaaga caagtattat tttcctcact ctatgatgga ggcaatggag gagcaacata 480
tcagaggtca cagcataacg gaggaagagg caaactcaga atgaaacgtc gcacgagcct 540
cttagcaggg ctctcaatac gtttcctagc aaaaggaact gtaacatcta taatatcgca 600
ttatcacaaa acatgtattc caaagaaagt acagatcact aataagtcaa caatgcagaa 660
gactgcattt tatgcttgac gtgacagaaa gggcaagcat attatttaaa gatggtctcg 720
aaaatgcaac tgttgcgtac acacaattct aaagacattc acaaagacac ttaaaaattt 780

<210> 154
<211> 463
<212> DNA
<213> Cameroon sheep

<400> 154
acttccccat agaaatctag ggcctcttgt gcctttaaaa atttgccccg atgtaacaaa 60
tatgcacaaa tcattacacc agttcgtccc tttccagctt tacagtgaat tgctgcaaca 120
tgattgtcat cttcacttag ccattggtca agatcttcac aaaagggttt gataagttct 180
aactgtggtg gattatggtc ttcaaaggga tactgtgcaa ctgtgataaa aagataaccg 240
cagaataaga aaataatctc acttgaattg cttattacaa gtaggcggct ttagaaatgt 300
tgcatacaaa tagtttaaaa atgtctgaac tatagaggaa agaatttatt gtctgataat 360
tttctaattt tcgaacagaa aataatctct cattaactca aatttatcca ttcgacaggt 420
agacaagtat tattttctca ctctwtgatg gaggcattgg agg 463

<210> 155
<211> 524
<212> DNA
<213> Deer

<400> 155
tctctggtcc ttacttcccc gtagaaatct agggcctctt gtgcctttaa aaatttgccc 60
cgatgtaaca aatatgcaca aatcattaca ccagttcgtc cctttccagc tttacagtga 120
atcgctgcaa catgattgtc atcctcactt agccattggt caagatcttc acaaaagggc 180
ttgataagtt ctaactgtgg tggattatgg tcttcaaagg gatactgtgc aactgtgata 240
aaaaaatgac ctcagaataa gaaaataatt tcacttgaat tgcttattac aagtaggtta 300
actttagaaa tgttgcatat aaatagttta aaaatatccg aaccataaag aaaaagaatt 360
tattgtctgg taattttcta atttttgaac agaaaataat ctctcattaa ctcaaattta 420
tccattagaa aggtaagtca agtattgttt tcctcacttc atgatggagg caatggagga 480
gcaacatatc agaggcacag cataacagag gaagaggtaa actc 524

<210> 156
<211> 647
<212> DNA
<213> Roe deer

<400> 156
tctctggtcc ttacttcccc gtagaaatct agggcctctt gtgcctttaa aaatttgccc 60
cgatgtaaca aatatgcaca aatcattaca ccagttcgtc cctttccagc tttacagtga 120
atcgctgcaa catgattgtc atcttcactt agccattggt caagatcttc acaaaagggt 180
ttgataagtt ctaactgtgg tggattatgg tcttcaaagg gatactgtgc aactgtgata 240
aaaagataac ctcagaataa gaaaataatt tcacttgaat tgcttattac aagtaggtta 300
actttagaaa tgttgcatac aaatagttta aaaatatcca aaccataaag aaaagaattt 360
attgtctgat aattttctaa tttttgaaca gaaaataatc tcttatwaac tcaaatgtat 420
ccattagaaa ggtaagcaga gtattgtttt cctcacttca tgatgcaggc aatggaggag 480
caacatatca gaggtcacag cataacagag gaagaggtaa actcacaatg aaacatcaca 540
tagcctctta tcaggactct caatacattt tctagcagaa ggaaccgtaa tatctataac 600

attgcattat cacaaagtat gtattccaaa taaagtacat aacacta 647

<210> 157
<211> 512
<212> DNA
<213> Goitred gazelle

<400> 157
tccttacttc cccatagaaa tctagggcct cttgtgcctt taaaaatttg ccccgatgta 60
acaaatatgc acaaatcatt acaccagttc gtccctttcc agctttacag tgaattgctg 120
caacatgatt gtcatcttca cttagccatt ggtcaagatc ttcacaaaag ggtttgataa 180
gttctaactg tggtggatta tggtcttcaa agggatactg tgcaactgtg ataaaaagat 240
aacctcagaa taagaaaata atctcacttg aattgcttat tataagtagg ttaactttat 300
aaatgttgca tacaaacagt ttaaaaatat ctgaactaca gagaaaaaga atttattgtc 360
tgataatttc taatttttg acagaaaata atctctcata actcaaattt acccattaga 420
caggtaagcc aagtattatt ttctcacttt atgatggagg caatggagta gcacatatca 480
gaggcacaac ctaacagagg agaggtaact ca 512

<210> 158
<211> 798
<212> DNA
<213> Horse

<400> 158
ggtccttact tctccataga aatctagggc ctcctgtgcc tttaaaaact tgccccgatg 60
taacaaatat gcacaaatca ttacaccagt tcgtcccttt ccagctttac agtgaattgc 120
tgcaacatga ttgtcatctt cacttagcca ttggtcaaga tcttcacaaa agggtttgat 180
aagttctagc tgtggtggat tatgatcttc aaaaggatac tgtgcaactg tggtaaaaag 240
ataatctcaa attaagaaaa aaatctctcc tgaattgttt attaaaagta ggttaacttt 300
aggaatgctg cgtataagtt taacagatat ttaaaagaaa aactgaactc cagagaaaaa 360
taatttattg tctgataatt ttctaatttt tgaatagaaa ataagagtcc cattaattct 420
caaaactcat ccattagaca gggaagccaa gtattatttt ccctactcta tgaaggagta 480
cattgtgcta tgcagaggta gcaaaggtca caacacataa gacatggagg tgaactcaaa 540
atgaaatgtc acatgggcct cttgttatgg ctttcaatgc atactctaac aaaaggagaa 600
ataacactta gaatattgca tcaccacaaa acatatattc caaagaaagt acagattact 660
aataaatcaa cggraaggat ggcattttac acttcatata ataaaaatgc taactgtgtt 720
attttaaaga tggtctggca aatggtagcg ctgtataccg actttaacag catttacaaa 780
gaaactggaa aatcactt 798

<210> 159
<211> 519
<212> DNA
<213> African elephant

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 159
tggtccttac ttcnnnnnnn nnnnnnnnnn nnncttgtgc ctttaaaaat ttgccccgat 60
gtaacaaata tgcacaaatc attacaccag ttcgtccctt tccagcttta cagtgaattg 120
ctgcaacatg attgtcatct tcacttagcc attggtcaag atcttcacaa aagggtttga 180
taagctctag ttgtggtggg ttgtggtctt caaaaggata ctgtgcaact gtggtaaaaa 240
gataaactca gaataagaaa aaaatctctc ctgaattttt aattaaaagt aggttagctt 300
cagaaacatt gcacataaac tataaacagg tgtttaaata aaagataagc taaactccct 360
taaaaaaaaa tttattgcct gataacttgc tagtttttga atatagtctc tcactaactc 420

ttaaatgcat ccattaaaaa aggagaccaa gtattatttt ccccacatta tgctagagga 480
aactgtgtta tgctgaagta gcacaggtta catctcaga 519

<210> 160
<211> 776
<212> DNA
<213> Indian elephant

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 160
tggtccttac ttccccataa aaatctaggg cttcttgtgc ctttaaaaat ttgccccgat 60
gtaacaaata tgcacaaatc attacaccag ttcgtccctt tccagcttta cagtgaattg 120
ctgcaacatg attgtcatct tcacttagcc attggtcaag atcttcacaa aagggtttga 180
taagctctag ttgtggtggg ttgtggtctt caaaaggata ctgtgcaact gtggtaaaaa 240
gataaactca gaataagaaa aaaatctctc ctgaattttt aattaaaagt aggttagctt 300
cagaaacatt gcacataaac tataaacagg tgtttaaata aaagataagc taaactccat 360
taaaaaaaaa tttattgcct gataacttgc tagtttttga atatagtctc tcactaactc 420
ttaaatgcat ccattaaaaa aggagaccaa gtattatttt ccccacatta tgctagagga 480
aactgtgtta tgctgaagta gcacaggtta catctcagag gtggagctga acccaaaaag 540
aaatgttaca taggcctctt gtcaagggct gtcaatgcat tttctaacaa aaggagtagt 600
gacactaata atattgcatc accttggtaa cagaacatat tctcaaaggt agaatggatt 660
attaacagaa tcagtaatgg aaaggattgc attttatact tcatataaaa natgttcggt 720
ctattattta aaggtggcct tacaaatgtt agtgttgtat acaatgattt ataaga 776

<210> 161
<211> 701
<212> DNA
<213> Dog

<400> 161
ggtccttact tccccataga aatctagggc ctcttgtgcc tttagaaatt tgccccgatg 60
taataaatat gcacaaatca ttacaccagt tcgtcccttt ccagctttac agtgaattgc 120
tgcaacatga ttgtcatctt cacttagcca ttggtcaaga tcttcacaaa agggtttgat 180
aagttctagc tgtggtggat tatggtcttc aaaaggatac tgtgcaactg tggtaaaaag 240
ataacctcag aattagaaaa aagtctttcc tgaactgttt attaaaagta ggttaacttt 300
agaaacattg catgtaagct taacagatgt ttaaaagaaa aacggaactc cagagaaaaa 360
taatttgctg tctgataatt ttccaatttt tgaatagaaa atagtctctc attaattctt 420
aaacctacca ctagagagag aggctaagca ttattttccc cactttaatg aaagaggaaa 480
ctttgcaatg gagagggagc acacgtcaac atatcagagg gaagaggcaa actcaaaatg 540
aaatggcaca caggtttcct gtcagggctc tcaatgcatt ttctgacaaa aggagtcata 600
atatttataa tactacgtca tcacaaaata tatattccag agaaagtata aataaccgat 660
aaatcaatga tggaaaggat tgattttaca cttgatataa t 701

<210> 162
<211> 603
<212> DNA
<213> Sun bear

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 162
ggtccttact tcnnnncata gaaatctagg gcctcttgtg cctttaaaaa tttgccccga 60
tgtaataaat atgcacaaat cattacacca gttcgtccct ttccagcttt acagtgaatt 120
gctgcaacat gattgtcatc ttcacttagc cattggtcaa gatcttcaca aaagggtttg 180
ataagttcta gctgtggtgg attatggtct tcaaaaggat actgtgcaac tgtggtaaaa 240
ggataacctc agaattagaa aaaagtcttt cctgaattgt ttattaaaga aggttaactt 300
tagaaatgtt gcatataagc ttaacagatg tttaaaagaa aaactaaact ccagagaaaa 360
taatttgctg cctgacaatt tacgaatttt tgaatagaaa acagtctctc attaattctt 420
aaacccaccc acaagacaga ggccaagcat tatgttcccc acttaactga agaggaaaga 480
aactttgcta tggagaggta gcacaagtca catatcagag ggagaggcaa attcnaaatg 540
aaatgtcacg taggtaggtt tctgttaggg ctctcaatgc atttttctga caaaaggagt 600
cgt 603

<210> 163
<211> 536
<212> DNA
<213> Mouse

<400> 163
ccttacttcc ccataaaaat ctagggcctc ttgtgccttt aaaaatttgc cccgatgcaa 60
taaatatgca caaatcatta caccagtccg tccctttcca gctttacagt gaattgctgc 120
aacatgattg tcatcttcac ttagccattg gtcaagatct tcacagaagg gtttgataag 180
ttctagctgt ggtgggttat ggtcttcaaa aggatactgt gcaactgttg caaaaagata 240
atcccagtgt aagaaaattt taaatttttt atttaaaaac ataggttaac tttcaaaatg 300
ttatatataa acttactggt tcttaaaaga agcctaactt tcaggaaatt ttaatttatt 360
actaattaaa cctagatttt aaagaaagtc ttttattaat tcttaaatgc attcattaga 420
catggaaaca agcattgtgc tcttcactcc agggaggatg aatctgtgca tgaagggaac 480
acgtcatagc ctatcagtcc actgaatcca aatgcacgtc acccaggcac ttgtca 536

<210> 164
<211> 696
<212> DNA
<213> Guinea pig

<400> 164
acttctccat agaaatctag agcctcttgt gcctttaaaa atttgccccg atgtaataaa 60
tatgcacaaa tcattacacc agtccgtccc tttccagctt tacagtgaat tgctgcaaca 120
tgattgtcat cttcacttag ccattggtca agatcttcac aaaaaggctt gataagttct 180
agctgtggtg ggttatgatc ttcaaaaggg tattgtgcaa ctgtgataaa aacataatct 240
cagagtaaga aagggatctt gcctaaattt ctaatcagaa ataggtcaac tttagaaatg 300
tttcacataa actcaagatg tttaaacaga aaaactgaac tgcatagaaa aataatttat 360
tgttcgttta ctttttttact ttctttttttt aaaatacaaa atagtctatt agtaactttt 420
aaacgtatct attacacaag gtggccaggt attacgttct tcacttcatg caggagaaaa 480
ctgtgatttg acagggaaca cagatcataa aacatcaaag atacatcgaa tccaaaaaaa 540
taccaggtca cacagcctct cataacgtct ttaggtgaat ttctgacaaa agcagtaaca 600
tttattatac tgcatcacca tacaacacac tttgaaggaa gtatgaacta ctaatrggat 660
acactatgaa aaarmtgcat tttatatttt ataaat 696

<210> 165
<211> 695
<212> DNA
<213> Himalaya-Tahr

<220>
<221> misc_feature
<222> (1)...(695)
<223> n = A,T,C or G

<400> 165
acttcnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna atttgccccg atgtaacaaa 60
tatgcacaaa tcattacacc agttcgtccc tttccagctt tacagtgaat tgctgcaaca 120
tgattgtcat cttcacttag ccattggtca agatcttcac aaaagggttt gataagttct 180
aactgtggtg gattatggtc ttcaaaggga tactgtgcaa ctgtgataaa aagataaccg 240
cagaataaga aaataatctc acttgaattg cttattacaa gtaggttaac tttagaaatg 300
ttgtatacaa atagtttaaa aatatctgaa ctatagagga aaagaattta ttgtctgata 360
attttctaat tttgaacaga aaataatctc tcattaactc aaatttatcc attcgacagg 420
taagacaagt attcttttcc tcactctatg atggaggcaa tggaggagca acatatcaga 480
ggtcacaaca taacgsagga agaggcaaac tcaagagtga aacgtcgcac gagcctctta 540
tcaggcctct ccaatacgtt tcctagcaaa aggaactgta acatctataa tatcgcatta 600
tcacaaaaca tgtattccaa agaaagtaca gatcactaat aggtccaatg cagaagactg 660
cattttatgt tgatgtgaca gaaaggcaaa gcata 695

<210> 166
<211> 281
<212> DNA
<213> Human

<400> 166
ccttacttcc ccatagaaat ctagggcctc ttgtgccttt aaaaatttgc cccgatgtaa 60
taaatatgca caaatcatta caccagttcg tccctttcca gctttacagt gaattgctgc 120
aacatgattg tcatcttcac ttagccattg gtcaagatct tcacaaaagg gtttgatcag 180
ttctagctgt ggtgggttat ggtcttcaaa aggatattgt gcaactgtgg taaaaagata 240
acctcagaat aagaaaaaaa actcctgaat ttttaattac a 281

<210> 167
<211> 373
<212> DNA
<213> Vikunja

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 167
ccttacttcn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnngatgtaa 60
caaatatgca caaatcatta caccagttcg tccctttcca gctttacagt gaattgctgc 120
aacatgattg tcatcttcac ttagccattg gtcaagatct tcacaaaagg gtttgataag 180
ttctagctgt ggtggattat ggtcttcaaa aggatactgt gcaactgtgg ttaaaaaaaa 240
agaaaagaaa aaaagaacct cagaataaga aaaaaaatct cccctgaact gcttattaaa 300
tgcaagttaa ctttggaaat gttggcatat taaccttaac agacgtttta aaaggaaaat 360
ctgaactcca gag 373

<210> 168
<211> 291
<212> DNA
<213> Spotted mustang

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

<400> 168
ctctggtcct tacttcccca tagaaatcta gggcctcttg tgcctttaaa aatttgcccc 60

gatgnaataa atatgcacaa atcattacac cagttcgtcc ctttccagct ttacagtgaa 120
ttgctgcaac atgattgtca tcttcactga gccattggtc aagatcttca caaaagggtt 180
tgataagttc cagctgcggt gggttatggt cttcaaaagg atactgtgca actgtgtaaa 240
aagatcacct cagagtgaga aaagagtcct tcctgaactg tttcttaaaa g 291

<210> 169
<211> 598
<212> DNA
<213> Fishing cat

<400> 169
acttccccat agaaatctag ggcctcttgt gcctttaaaa atttgccccg atgcaataaa 60
tatgcacaaa tcattacacc agttcgtccc tttccagctt tacagtgaat tgctgcaaca 120
tgattgtcat cttcactgag ccattggtca agatcttcac aaaagggttt gataagttcc 180
agctgcggtg ggttatggtc ttcaaaagga tactgtgcaa ctgtgtaaaa agatcacctc 240
agaatgagaa aagaggcctt cctgaattgc ttcttaaaag taggttaact tcagaaacgt 300
tgcatataag cttaacagat gtttagaagg aaaactaaac tccagagaaa aatactcgtc 360
tgatgatttt ccaatttttg aacagaaaac agtctctcat taatttttaa acctatgcac 420
tagacagaga ggccgattat ttccccccat gacgaagagg agactgctct ggagagcaag 480
cacaagtcac aacgtgtcag agggagagga ggacccggaa tgtcacacag gtttcctgtc 540
agggctctca atgcattttc tgacaaaatg agtaatacgc ttatactatt acatcatc 598

<210> 170
<211> 220
<212> DNA
<213> Turkey

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 170
ctctggtcct tacttcccca tagaaatcta gggcttcttg agcctttaaa aatttgcctc 60
gatgtaataa atatgcacat atcattacac cagttcgtcc ctttccagct ttacagtgga 120
ttgctgcaac atgattgtca tcttcactta gccattggtc aagatcttca caaaanggtt 180
tgataagctc taactgtggt gggttatggt cttcaaaagg 220

<210> 171
<211> 505
<212> DNA
<213> Cockerel

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

<400> 171
tctggtcctt acttccccat agaaatctag ggcttcttga gcctttaaaa acttgcctcg 60
atgcaacaaa tatgcacata tcattacacc agttcgtccc tttccagctt tacagtggat 120
tgctgcaaca tgattgtcat cttcacttag ccattggtca agatcttcac aaaaaggttt 180
gataagctct aactgtggtg ggttatggtc ttcaaagggg tactgtgcaa ctgtaatgag 240
aaggattaac ttattaaaat ctaaaaagga taatcaccaa gagctcaact agacaggtca 300
aatttgtgac aagcatgaaa aaattaacat tctaaataca gtcttgcata tagatttgta 360
tacacgcaac tttgattctg ctgttattca gtaacattgc acactaaatg catcacaaat 420
ttctctagta atacgtaagt atcttactgg catgaagagg actatcccac cgtgcttctg 480

nagttnntac tacagactct gcacc 505

<210> 172
<211> 645
<212> DNA
<213> Duck

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 172
ccttacttcc ccatagaaat ctagagcttc ttgagccttt aaaaacttgc ctctatgcaa 60
cagatatgcg catatcatta caccagttcg tccctttcca gctttacagt ggattgctgc 120
aacatgattg tcatcttcac ttagccattg gtcaagatct tcacaaaaag gtttaatgag 180
ctcaagctgt ggtgggttat ggtcttcaaa agggtactgt gcaactgcaa caagaaagaa 240
aaacttacca aaatctcaaa aggaaactac agcaagcttg actagacgtg tcatctttgg 300
acaagcacac acaaaaatta acattctaaa taaaaactgt cttatatgta tatacatata 360
gctttgcttt cactgttatt cagcagcata ctatacactn ttncacatca cagacatttc 420
tctattaata cataagcaca tatcttagac tatttcacag tgcttctgaa acaagtcgca 480
cagactctat tttacactat ttttctgaaa tttaagagtg cactggcaca aagaataacc 540
ttgtgaaaac ccattagtca cagactacct gctgagagaa agcagggcaa acctcactca 600
ctgatcagag acagggattt tgcagcaaga attctgagtg gctgg 645

<210> 173
<211> 516
<212> DNA
<213> Quail

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 173
ccttacttcn nnnnnnnnnn nnnnnnnnnn nnnnnccttt aaaaacttgc ntcgatgcaa 60
caaatatgca catatcatta caccagttcg tccctttcca gctttacaat ggattgctgc 120
aacatgattg tcatcttcac ttagccattg gtcaagatct tcacaaaaag gtttgataag 180
ctctagctgt ggtgggttat ggtcttcaaa agggtactgt gcaactgcaa tgagaaggaa 240
taacgttcta aataaaacac agtcttgcat acagatttgc atccacacag ctttgattct 300
gttgttattc agcagcatat tacacactat aaatgcatca catgtttctc tagtaatacg 360
taagcatctt gctgcatgaa gagacctcag aagcattgtg ggaatagtta gtgctaccaa 420
ctgcacctta caccatgatt ttactcaaat taagagtgta ctggcacaaa aaataacgtg 480
ttttaaggtc acccatcaaa tgcagtgtct tttttt 516

<210> 174
<211> 395
<212> DNA
<213> Trout

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 174

tctctggtcc ttacttcnnn nnnnnnnnnn nnnnnnnnnn ngctttgagg aacttgcccc 60
ggtgtaacag gtaagcacag atcatgacac ccgtacgtcc ctttccagct ttacagtgaa 120
tcgccgccac atgattgtcg tcttcactta accaaaggtc aagatcttcg cagaacggtt 180
tgatcagctc cagctggggc ggattgtgat cctcaaacgg atattgtgca actggagana 240
gacagacaga gaccgggctc agttagttag cgtcacacgt gggtttttag tgaaagattg 300
attcattcac tgactgcctg aaagacagtg ataatggttt cactctgatg taatatctaa 360
cctctgcaat tgaatttgtg ttgcgtcata atgtc 395

<210> 175
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENse sense

<400> 175
atcttgacca atggctaagt g 21

<210> 176
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Zoo44aRV

<400> 176
ttgtctctgg tccttacttc 20

<210> 177
<211> 160
<212> DNA
<213> Goat

<400> 177
tctctggtcc ttacttcccc atagaaatct agggcctctt gtgcctttaa aaatttgccc 60
cgatgtaaca aatatgcaca aatcattaca ccagttcgtc cctttccagc tttacagtga 120
attgctgcaa catgattgtc atcttcactt agccattggt 160

<210> 178
<211> 150
<212> DNA
<213> Antelope

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 178
ctggtcctta cttccccata gaaatctagg gcctnntgtg cctttaaaaa tttgccccga 60
tgtaacaaat atgcacaaat cattacacca gttcgtccct ttccagcttt acagtgaatt 120
gctgcaacat gattgtcatc ttcacttagc 150

<210> 179
<211> 153

<212> DNA
<213> Kangaroo

<400> 179
tctctggtcc ttacttcccc atagaaatct agagcctctt gtgcctttaa aaactttcct 60
cgatgtaata aatatgcaca aatcattacg ccagttcgtc cctttcctgc tttacagtga 120
attgctgcaa catgattgtc atcttcactt agc 153

<210> 180
<211> 154
<212> DNA
<213> Rabbit

<400> 180
gtctctggtc cttacttctc cataaaaatc tagggcttct tgtgccttta aaaatttgcc 60
ccgatgtaat aaatatgcac aaatcattac accagttcgt ccctttccag ctttacagtg 120
aattgctgca acatgattgt catcttcact tagc 154

<210> 181
<211> 155
<212> DNA
<213> Hare

<400> 181
ggtccttact tctccataaa aatctagggc ttcttgtgcc tttaaaaatt tgccccgatg 60
taataaatat gcacaaatca ttacaccagt tcgtcccttt ccagctttac agtgaattgc 120
tgcaacatga ttgtcatctt cacttagcca ttggt 155

<210> 182
<211> 159
<212> DNA
<213> Goose

<400> 182
tctctggtcc ttacttcccc atagaaatct agagcttctt gagcctttaa aaacttgcct 60
cgatgcaaca aatatgcgca tatcattaca ccagttcgtc cctttccagc tttacagtgg 120
attgctgcaa catgattgtc atcttcactt agccattgg 159

<210> 183
<211> 156
<212> DNA
<213> Ostrich

<400> 183
ctctggtcct tacttcccca tagaaatcta gggcttcctg agcccttaaa aacttgcctc 60
gatgtaacaa ataagcacat atcattacac cagttcgtcc ctttccagct ttacagtgga 120
ttgctgcaac gtgattgtca tcttcactta gccatt 156

<210> 184
<211> 151
<212> DNA
<213> Pigeon

<400> 184
tctggtcctt acttctccgt agaaatctag ggcttcttga gcctttaaaa acttgcctcg 60
atgcaacaaa tatgcacata tcattacacc agttcgtccc tttccagctt tacagtggat 120
tgctgcaacg tgattgtcgt cttcacttag c 151

<210> 185
<211> 163
<212> DNA
<213> Varan

<400> 185
tctctggtcc ttacttcccc atagaaatct agagcttctt gtgccttttg aaatcttcct 60
cgatgtaata aatatgcaca aatcattaca ccagttcgtc cctttccagc tttacaatgg 120
attgccgcaa cgtgattgcc atcttcactt agccattggt caa 163

<210> 186
<211> 160
<212> DNA
<213> Trout

<400> 186
tctggtcctt acttcaccgt agaagtccag agcttcctgt gctttgagga acttgccccg 60
gtgtaacagg taagcacaga tcatgacacc cgtacgtccc tttccagctt tacagtgaat 120
cgccgccacg tgattgtcgt cctcacttag ccattggtca 160

<210> 187
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex6F sense

<400> 187
ggagtaacta ttcccagtca gag 23

<210> 188
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex6R antisense

<400> 188
gcaagttccg ccactgaa 18

<210> 189
<211> 138
<212> DNA
<213> Man

<400> 189
ggagtaacta ttcccagtca gaggcgctat gtgtattayt atagctacct gktaaagaat 60
catctggatt atagaccagt ggcactgttg tttcacaaga tgatgtttga aactattcca 120
atgttcagtg gcggaact 138

<210> 190
<211> 131
<212> DNA
<213> Chimpanzee

<400> 190
ctattcccag tcagaggcgc tatgtgtatt attatagcta cctgttaaag aatcatctgg 60
attatagacc agtggcactg ttgtttcaca agatgatgtt tgaaactatt ccaatgttca 120
gtggcggaac t 131

<210> 191
<211> 128
<212> DNA
<213> Cattle

<400> 191
ttcccagtca gaggcgctat gtgtattatt atagctacct gttaaagaat catctggatt 60
atagaccagt ggcactgttg tttcacaaga tgatgtttga aactattcca atgttcagtg 120
gcggaact 128

<210> 192
<211> 128
<212> DNA
<213> Sheep

<400> 192
ttcccagtca gaggcgctat gtgtattatt atagctacct gttaaagaat catctggatt 60
acagaccagt ggcactgttg tttcacaaga tgatgtttga aactattccc atgttcagtg 120
gcggaact 128

<210> 193
<211> 126
<212> DNA
<213> Goat

<400> 193
tcccagtcag aggcgctatg tgtattatta tagctacctg ttaaagaatc atctggatta 60
cagaccagtg gcactgttgt ttcacaagat gatgtttgaa actattccaa tgttcagtgg 120
cggaac 126

<210> 194
<211> 131
<212> DNA
<213> Red buffalo

<400> 194
gtaactattc ccagtcagag gcgctatgtg tattattata gctacctgtt aaagaatcat 60
ctggattata gaccagtggc actgttgttt cacaagatga tgtttgaaac tattccaatg 120
ttcagtggcg g 131

<210> 195
<211> 127
<212> DNA
<213> Deer

<400> 195
ttcccagtca gaggcgctat gtgtattatt atagctacct gttaaagaat catctggatt 60
atagaccagt ggcactgttg tttcacaaga tgatgtttga aactattcca atgttcagtg 120
gcggaac 127

<210> 196
<211> 131

<212> DNA
<213> Roe deer

<400> 196
ctattcccag tcagaggcgc tatgtgtatt attatagcta cctgttaaag aatcatctgg 60
attatagacc agtggcactg ttgtttcaca agatgatgtt tgaaactatt ccaatgttca 120
gtggcggaac t 131

<210> 197
<211> 126
<212> DNA
<213> Goitred gazelle

<400> 197
cccagtcaga ggcgctatgt gtattattat agctacctgt taaagaatca tctggattat 60
agaccagtgg cactgttgtt tcacaagatg atgtttgaaa ctattccaat gttcagtggc 120
ggaact 126

<210> 198
<211> 132
<212> DNA
<213> Horse

<400> 198
actattccca gtcagaggcg ctatgtgtat tattatagct acctgttaaa gaatcatctg 60
gattatagac cagtggcact gttgtttcac aagatgatgt ttgaaactat tccaatgttc 120
agtggcggaa ct 132

<210> 199
<211> 125
<212> DNA
<213> Dog

<400> 199
tcccagtcag aggcgctatg tgtattatta tagctacctg ttaaagaatc atctggatta 60
tagaccagtg gcactgttgt ttcacaagat gatgtttgaa actattccaa tgttcagtgg 120
cggaa 125

<210> 200
<211> 129
<212> DNA
<213> Sun bear

<400> 200
ctattcccag tcagaggcgc tatgtgtatt attatagcta cctgttaaag aatcatctgg 60
attatagacc agtggcactg ttgtttcaca agatgatgtt tgaaactatt ccaatgttca 120
gtggcggaa 129

<210> 201
<211> 128
<212> DNA
<213> Rabbit

<400> 201
ctattcccag tcagagacgc tatgtgtatt attatagcta cctgttaaag aatcatctgg 60
attatagacc agtggcactg ttgtttcaca agatgatgtt tgaaactatt ccaatgttca 120
gtggcgga 128

<210> 202
<211> 128
<212> DNA
<213> Hare

<400> 202
tattcccagt cagagacgct atgtgtatta ttatagctac ctgttaaaga atcatctgga 60
ttatagacca gtggcactgt tgtttcacaa gatgatgttt gaaactattc caatgttcag 120
tggcggaa 128

<210> 203
<211> 127
<212> DNA
<213> Antelope

<400> 203
attcccagtc agaggcgcta tgtgtattat tatagctacc tgttaaagaa tcatctggat 60
tatagaccag tggcactgtt gtttcacaag atgatgtttg aaactattcc aatgttcagt 120
ggcggaa 127

<210> 204
<211> 127
<212> DNA
<213> Kangaroo

<400> 204
tcccagtcag aggcgctatg tgtattacta tagccacctg ttaaagcatc atttggatta 60
cagaccagtg gccctgctgt ttcacaagat gatgtttgaa acaattccaa tgttcagtgg 120
cggaact 127

<210> 205
<211> 133
<212> DNA
<213> Python

<400> 205
actattccca gtcagagacg ctatgtatat tattatagct acctgttaaa gaatcatctg 60
gattacagac cagtagcact gctgtttcat aaaatgatgt ttgaaacaat tccaatgttc 120
agtggcggaa ctt 133

<210> 206
<211> 132
<212> DNA
<213> Varan

<400> 206
actattccca gtcagaggcg ctatgtatat tattacagct acctttttaaa gaatcatctg 60
gattacagac ccgtggcatt gctcttccat aaaatgatgt ttgaaacaat tccaatgttc 120
agtggcggaa ct 132

<210> 207
<211> 132
<212> DNA
<213> Turkey

<400> 207
actattccca gtcagagacg ctacgtgtac tactatagct acctgttaaa gaatcacctt 60

gattacagac cagtggcact gctgtttcac aagatgatgt ttgaaacaat tcccatgttc 120
agtggcggaa ct 132

<210> 208
<211> 124
<212> DNA
<213> Chicken

<400> 208
tcccagtcag agacgctacg tgtactacta tagctacctg ttaaagaatc accttgatta 60
cagaccagtg gcactgctgt ttcacaagat gatgtttgaa acaattccca tgttcagtgg 120
cgga 124

<210> 209
<211> 127
<212> DNA
<213> Duck

<400> 209
tcccagtcag agacgctacg tgtactatta tagctacctg ttaaagaatc acctggatta 60
cagaccagtg gcactgctgt ttcacaagat gatgtttgaa acaattccca tgttcagtgg 120
cggaact 127

<210> 210
<211> 131
<212> DNA
<213> Quail

<400> 210
ctattcccag tcagagacgc tacgtgtact actatagcta cctgttaaag aatcaccttg 60
attacagacc agtggcactg ctgtttcaca agatgatgtt tgaaacaatt cccatgttca 120
gtggcggaac t 131

<210> 211
<211> 130
<212> DNA
<213> Goose

<400> 211
tattcccagt cagagacgct acgtgtacta ttatagctac ctgttaaaga atcacctgga 60
ttacagacca gtggcactgc tgtttcacaa gatgatgttt gaaacaattc ccatgttcag 120
tggcggaact 130

<210> 212
<211> 128
<212> DNA
<213> Ostrich

<400> 212
attcccagtc agagacgcta cgtgtattac tatagctacc tgttaaagaa ccacctggat 60
tacagaccag tggcactgct gtttcacaag atgatgtttg aaacaattcc aatgttcagt 120
ggcggaac 128

<210> 213
<211> 126
<212> DNA
<213> Pigeon

<400> 213
cccagtcaga ggcgctacgt gtattactat agctatctgt taaagaacca cctggattac 60
agaccagtgg cactgctgtt tcacaagatg atgtttgaaa caattcccat gttcagtggc 120
ggaact 126

<210> 214
<211> 130
<212> DNA
<213> Trout

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 214
attcccagtc agaggcgcta tgtctattac tatagccacc ttctcaagaa ccagctgaat 60
tacaaaccng tggctctgct cttccacaag atggtgttcg agacggtgcc catgttcagt 120
ggcggaactt 130

<210> 215
<211> 122
<212> DNA
<213> Carp

<400> 215
gtcagaggcg atatgtgtac tactatagct accttctgaa gaataagctg gagtacaaac 60
ctgtggcctt gctctttcac aagatggtgt ttgagacagt gcccatgttc agtggcggaa 120
ct 122

<210> 216
<211> 130
<212> DNA
<213> Salmon

<400> 216
tattcccagt cagaggcggt atgtctacta ctacagccac cttctgaaga accagctgga 60
gtacaaacca gtggctctgc tgttccacaa gatggtgttc gagacggtgc ccatgttcag 120
tggcggaact 130

<210> 217
<211> 132
<212> DNA
<213> Wels

<400> 217
actattccca gtcagaggcg atatgtgtac tactatagct accttctgaa gaataagctg 60
gagtacaaac ctgtggcctt gctctttcac aagatggtgt ttgagacagt gcccatgttc 120
agtggcggaa ct 132

<210> 218
<211> 129
<212> DNA
<213> Tench

<400> 218
attcccagtc agaggcgata tgtgtactac tatagctacc ttctgaagaa taagctggag 60

tacaaacctg tggccttgct ctttcacaag atggtgtttg agacagtgcc tatgttcagt 120
ggcggaact 129

<210> 219
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex7F sense

<400> 219
cctcagtttg tggtctgcca 20

<210> 220
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex7R antisense

<400> 220
ccttttttag catcttgttc tgttt 25

<210> 221
<211> 168
<212> DNA
<213> Man

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 221
atcctcagtt tgtggtctgc cagctaaagg tgaagatata ttcctccaat tcaggaccca 60
cacgacggga agacaagttc atgtaytttg agttccctca gccgttacct gtntgtggtg 120
atatcaaagt agagttcttc cacaaacaga acaagatgct aaaaaagg 168

<210> 222
<211> 159
<212> DNA
<213> Chimpanzee

<400> 222
agtttgtggt ctgccagcta aaggtgaaga tatattcctc caattcagga cccacacgac 60
gggaagacaa gttcatgtac tttgagttcc ctcagccgtt acctgtgtgt ggtgatatca 120
aagtagagtt cttccacaaa cagaacaaga tgctaaaaa 159

<210> 223
<211> 161
<212> DNA
<213> Cattle

<400> 223
cagtttgtgg tctgccagct aaaggtgaag atatattcct ccaattcagg acccacacga 60

cgggaagaca agttcatgta ctttgagttc cctcagccat tgcctgtgtg tggtgacatc 120
aaagtagagt tcttccacaa acagaacaag atgctaaaaa a 161

<210> 224
<211> 160
<212> DNA
<213> Sheep

<400> 224
gtttgtggtc tgccagctaa aggtgaagat atattcctcc aattcaggac ccacacgacg 60
ggaagacaag ttcatgtact ttgagttccc tcagccgctg cctgtgtgtg gtgacatcaa 120
agtagagttc ttccacaaac agaacaagat gctaaaaaag 160

<210> 225
<211> 161
<212> DNA
<213> Goat

<400> 225
cagtttgtgg tctgccagct aaaggtgaag atatattcct ccaattcagg acccacacga 60
cgggaagaca agttcatgta ctttgagttc cctcagccgt tgcctgtgtg tggtgacatc 120
aaagtagagt tcttccacaa acagaacaag atgctaaaaa a 161

<210> 226
<211> 153
<212> DNA
<213> Red buffalo

<400> 226
agtttgtggt ctgccagcta aaggtgaaga tatattcctc caattcagga cccacacgac 60
gggaagacaa gttcatgtac tttgagttcc ctcagccgtt gcctgtgtgt ggtgacatca 120
aagtagagtt cttccacaaa cagaacaaga tgc 153

<210> 227
<211> 159
<212> DNA
<213> Deer

<400> 227
cagtttgtgg tctgccagct aaaggtgaag atatattcct ccaattcagg acccacacga 60
cgggaagaca agttcatgta ctttgagttc cctcagccgt tgcctgtgtg tggtgacatc 120
aaagtagagt tcttccacaa acagaacaag atgctaaaa 159

<210> 228
<211> 162
<212> DNA
<213> Roe deer

<400> 228
cagtttgtgg tgtgccagct aaaggtgaag atatattcct ccaattcagg acccacacga 60
cgggaagaca agttcatgta ctttgagttc cctcagccgt tgcctgtgtg tggtgacatc 120
aaagtagagt tcttccacaa acagaacaag atgctaaaaa ag 162

<210> 229
<211> 161
<212> DNA
<213> Goitred gazelle

<400> 229
cagtttgtgg tctgccagct aaaggtgaag atatattcct ccaattcagg acccacacga 60
cgggaagata agttcatgta ctttgagttc cctcagccgt tgcctgtgtg tggtgacatc 120
aaagtagagt tcttccacaa acagaacaag atgctaaaaa a 161

<210> 230
<211> 162
<212> DNA
<213> Horse

<400> 230
tcagtttgtg gtctgccagc taaaggtgaa gatatattcc tccaattcag gacccacacg 60
acgggaagac aagttcatgt actttgagtt ccctcagccg ttgcctgtgt gtggtgacat 120
caaagtagag ttcttccaca aacagaacaa gatgctaaaa aa 162

<210> 231
<211> 162
<212> DNA
<213> Dog

<400> 231
tcagtttgtg gtctgccagc taaaggtgaa gatctattcc tccaattcag gacccacacg 60
acgggaagac aagttcatgt actttgagtt ccctcagcca ttgcctgtgt gcggtgacat 120
caaagtagag ttcttccaca aacagaacaa gatgctaaaa aa 162

<210> 232
<211> 161
<212> DNA
<213> Sun bear

<400> 232
cagtttgtgg tctgccagct aaaggtgaag atctattcct ccaattcagg acccacacga 60
cgggaagaca agttcatgta cttcgagttc cctcagccgt tacctgtgtg tggtgacatc 120
aaagtagagt tcttccacaa acagaacaag atgctaaaaa a 161

<210> 233
<211> 162
<212> DNA
<213> Rabbit

<400> 233
cagtttgtgg tctgccagct aaaggtgaag atatattcct ccaattcagg acccacacga 60
cgggaagaca agttcatgta cttcgagttc cctcagccgt tgcctgtgtg tggtgacatc 120
aaagtagagt tcttccacaa acagaacaag atgctaaaaa ag 162

<210> 234
<211> 156
<212> DNA
<213> Hare

<400> 234
ctcagtttgt ggtctgccag ctaaaggtga agatatattc ctccaattca ggacccacac 60
gacgggaaga caagttcatg tacttcgagt tccctcagcc gttgcctgtg tgtggtgaca 120
tcaaagtaga gttcttccac aaacagaaca agatgc 156

<210> 235
<211> 160

<212> DNA
<213> Antelope

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 235
tcagtttgtg gtctgccagc taaaggtgaa gatatattcc tccaannnag gacccacacg 60
acgggaagac aagttcatgt actttgagtt ccctcagccg ttgcctgtgt gtggtgatat 120
caaagtagag ttcttccaca aacagaacaa gatgctaaaa 160

<210> 236
<211> 163
<212> DNA
<213> Kangaroo

<400> 236
ctcagtttgt ggtctgccag ctgaaggtga agatctacac atccccgtca gggcccacgc 60
ggcgggaaga caagcacatg tacttcgagt tcccccagcc tctgccggtg tgtggcgaca 120
ttaaagtgga attcttccac aaacagaaca agatgctaaa aaa 163

<210> 237
<211> 145
<212> DNA
<213> Turkey

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 237
cagtttgtgg tctgccagct aaaagtaaag atattcacct ccccttnnng accctcaaga 60
cgtgaagaca aatatatgta cttngaattc cctcaacctt tgccggnata cggtgatatc 120
aaagnggagt tcttccacaa acaga 145

<210> 238
<211> 146
<212> DNA
<213> Chicken

<400> 238
cagtttgtgg tctgccagct aaaggtaaag atattcacct ccccttcagg accctcaaga 60
cgtgaagaca agtatatgta ctttgaattc cctcaacctt tgccggtatg cggtgatatc 120
aaagtggagt tcttccacaa acagaa 146

<210> 239
<211> 154
<212> DNA
<213> Duck

<400> 239
cagtttgtgg tctgccagct aaaggtaaag atattcacct ccccttcagg accctcaaga 60
cgtgaagaca agtatatgta ctttgaattc cctcaacctt tgccggtatg cggtgatatc 120
aaagtggtgt ttttccacaa acagaacaag atgc 154

<210> 240
<211> 163
<212> DNA
<213> Quail

<400> 240
tcagtttgtg gtctgccagc taaaggtaaa gatattcacc tccccttcag gaccctcaag 60
acgtgaagac aagtatatgt actttgaatt ccctcaacct ttgccggtat gcggtgatat 120
caaagtggag ttcttccaca aacagaacaa gatgctaaaa aag 163

<210> 241
<211> 160
<212> DNA
<213> Ostrich

<400> 241
gtttgtggtc tgccagctaa aggtaaagat attcacctcc ccttcaggac cctcaagacg 60
tgaagacaag tatatgtact ttgaattccc tcaacccttg ccggtatgcg gtgatatcaa 120
agtggaattc ttccacaaac agaacaagat gctaaaaaag 160

<210> 242
<211> 145
<212> DNA
<213> Pigeon

<400> 242
tcagtttgtg gtctgccagc taaaggtaaa gatattcacc tccccttcag gaccctcaag 60
acgtgaagac aagtatatgt actttgaatt ccctcaacct ttgccggtat gcggtgatat 120
caaagtggaa tttttccaca aacag 145

<210> 243
<211> 163
<212> DNA
<213> Carp

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 243
tcagtttgtg gtctgccaac tgaaggtgaa aatccacacc tcaaacccag ygcacacaag 60
gcgagaggag aagtacatgt acttngattt tccncagcnn ctgcctgtgt gnggagacat 120
caaggtggag ttcttccaca aacagaacaa gatgctaaaa aag 163

<210> 244
<211> 160
<212> DNA
<213> Wels

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 244
agtttgtggt ctgccaactg aaggtgaaaa tccacacatc aaacccagng cacacaaggc 60

gagaggagaa gtacatgtac ttngattttc cncagcnnct gcctgtgtgn ggagacatca 120
aggtggagtt cttccacaaa cagaacaaga tgctaaaaaa 160

<210> 245
<211> 159
<212> DNA
<213> Tench

<400> 245
agtttgtggt ctgccagctg aaggtgaaaa tccacacctc caacccagcg cacacaaggc 60
gagaggagaa atacatgtac ttcgagtttc cacagccatt gcctgtgtgt ggagacatca 120
aggtggagtt cttccacaaa cagaacaaga tgctaaaaa 159

<210> 246
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex8F sense

<400> 246
caaaatgttt cacttttggg taaa 24

<210> 247
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex8R antisense

<400> 247
taaaatttgg agaaaagtat cggtt 25

<210> 248
<211> 226
<212> DNA
<213> Man

<400> 248
gacaaaaatg tttcactttt gggtaaatac attcttcata ccaggaccag aggaaacctc 60
agaaaaagta gaaaatggaa gtctatgtga tcaagaaaty gatagcattt gcagtataga 120
gcgtgcagat aatgacaagg artatctagt acttacttta acaaaaaatg atcttgacaa 180
agcaaataaa gacaaagcca accgatactt ttctccaaat tttaag 226

<210> 249
<211> 213
<212> DNA
<213> Chimpanzee

<400> 249
atgtttcact tttgggtaaa tacattcttc ataccaggac cagaggaaac ctcagaaaaa 60
gtagaaaatg gaagtctatg tgatcaagaa atcgatagca tttgcagtat agagcgtgca 120
gataatgaca aggaatatct agtacttact ttaacaaaaa atgatcttga caaagcaaat 180
aaagacaaag ccaaccgata cttttctcca aat 213

<210> 250
<211> 212
<212> DNA
<213> Cattle

<400> 250
tgtttcactt ttgggtaaac acattcttca taccaggacc agaggaaacc tcagaaaaag 60
tagaaaatgg aagtctatgt gatcaagaaa ttgatagtat ttgcagtata gagcgtgcag 120
ataatgacaa ggaatatcta gtactcactt taacaaaaaa tgatctcgac aaagcaaata 180
aagacaaggc caaccgatac ttttctccaa at 212

<210> 251
<211> 211
<212> DNA
<213> Sheep

<400> 251
gtttcacttt tgggtaaaca cattcttcat accaggacca gaggaaacct cagaaaaagt 60
agaaaatgga agtctatgtg atcaagaaat tgatagtatt tgcagtatag agcgtgcaga 120
taatgacaag gaatatctag tgctcacttt aacaaaaaat gatctcgaca aagcaaataa 180
agacaaggcc aaccgatact tttctccaaa t 211

<210> 252
<211> 213
<212> DNA
<213> Goat

<400> 252
atgtttcact tttgggtaaa cacattcttc ataccaggac cagaggaaac ctcagaaaaa 60
gtagaaaatg gaagtctatg tgatcaagaa attgatagta tttgcagtat agagcgtgca 120
gataatgaca aggaatatct agtactcact ttaacaaaaa atgatcttga caaagcaaat 180
aaagacaagg ccaaccgata cttttctcca aat 213

<210> 253
<211> 212
<212> DNA
<213> Red buffalo

<400> 253
atgtttcact tttgggtaaa cacattcttc ataccaggac cagaggaaac ctcagaaaaa 60
gtagaaaatg gaagtctatg tgatcaagaa attgatagta tttgcagtat agagcgtgca 120
gataatgaca aggaatatct agtactcact ttaacaaaaa atgatctcga caaagcaaat 180
aaagacaagg ccaaccgata cttttctcca aa 212

<210> 254
<211> 213
<212> DNA
<213> Deer

<400> 254
tgtttcactt ttgggtaaac acattcttca taccaggacc agaggaaacc tcagaaaaag 60
tagaaaatgg aagtctatgt gatcaagaaa ttgatagtat ttgcagtata gagcgtgcag 120
ataatgacaa agaatatcta gtactcactt taacaaaaaa tgatctcgac aaagcaaata 180
aagacaaggc caaccgatac ttttctccaa att 213

<210> 255
<211> 214

<212> DNA
<213> Roe deer

<400> 255
atgtttcact tttgggtaaa cacattcttc ataccaggac cagaggaaac ctcagaaaaa 60
gtagaaaatg gaagtctatg tgatcaagaa attgatagta tttgcagtat agagcgtgca 120
gataatgaca aagaatatct agtactcact ttaacaaaaa atgatctcga caaagcaaat 180
aaagacaagg ccaaccgata cttttctcca aatt 214

<210> 256
<211> 213
<212> DNA
<213> Goitred gazelle

<400> 256
atgtttcact tttgggtaaa cacattcttc ataccaggac cagaggaaac ctcagaaaaa 60
gtagaaaatg gaagtctatg tgatcaagaa attgatagta tttgcagtat agagcgtgca 120
gataatgaca aggaatatct agtactcact ttaacaaaaa atgatctcga caaagcaaat 180
aaagacaagg ccaaccgata cttttctcca aat 213

<210> 257
<211> 213
<212> DNA
<213> Horse

<400> 257
atgtttcact tttgggtaaa tacattcttt ataccaggac cagaggaaac ctcagaaaaa 60
gtagaaaatg gaagtctatg tgatcaagaa attgatagta tttgcagtat agagcgtgca 120
gataatgaca aagaatatct agtactcact ttaacaaaaa atgatctcga caaagcaaat 180
aaagacaagg ccaaccgata cttttctcca aat 213

<210> 258
<211> 210
<212> DNA
<213> Dog

<400> 258
tttcactttt gggtaaacac attcttcata ccaggaccag aggaaacctc agaaaaagta 60
gaaaatggaa gtctatgtga tcaagaaatt gatagtattt gcagtataga acgtgcagat 120
aatgacaagg aatatctagt actcacttta acaaaaaatg atctcgacaa agcaaataaa 180
gacaaggcca accgatactt ttctccaaat 210

<210> 259
<211> 213
<212> DNA
<213> Sun bear

<400> 259
atgtttcact tttgggtaaa cacattcttc ataccaggac cagaggaaac ctcagaaaaa 60
gtagaaaatg gaagtctatg tgatcaagaa attgatagta tttgcagtat agagcgtgca 120
gataatgaca aggaatatct agtactcact ttaacaaaaa atgatctcga caaagcaaat 180
aaagacaagg ccaaccgata cttttctcca aat 213

<210> 260
<211> 210
<212> DNA
<213> Rabbit

<400> 260
tttcactttt gggtaaatac gttctttata ccaggaccag aggaaacctc agaaaaagta 60
gaaaatggaa gtctttgtga tcaagaaatt gatagtattt gcagtataga acgtgcagat 120
aacgacaaag aatatctagt acttacttta acaaaaaatg atcttgataa agcaaataaa 180
gacaaggcaa accgatactt ttctccaaat 210

<210> 261
<211> 210
<212> DNA
<213> Hare

<400> 261
gtttcacttt tgggtaaata cgttctttat accaggacca gaggaaacct cagaaaaagt 60
agaaaatgga agtctttgtg atcaagaaat tgatagtatt tgcagtatag aacgtgcaga 120
taacgacaaa gaatatctag tacttacttt aacaaaaaat gatcttgata aagcaaataa 180
agacaaggca aaccgatact tttctccaaa 210

<210> 262
<211> 203
<212> DNA
<213> Antelope

<400> 262
acttttgggt aaatacattc ttcataccag gaccagagga aacctcagaa aaagtagaaa 60
atggaagtct atgtgatcaa gaaattgata gtatttgcag tatagagcgt gcagataatg 120
acaaggaata tctagtactc actttaacaa aaaatgatct tgacaaagca aataaagaca 180
aggccaaccg atacttttct cca 203

<210> 263
<211> 213
<212> DNA
<213> Kangaroo

<400> 263
tttcactttt gggtaaatac attcttcata ccaggaccag aggaaaattc agacaaagta 60
gaaaatggaa gtctttgtgg tgatcaagag attgatagta tttgcagtgc cgagcgatca 120
gataatgaca aggaatatct catactcaca ttatccaaaa atgatcttga caaagcgaat 180
aaagacaagg ccaaccgata cttttctcca aat 213

<210> 264
<211> 210
<212> DNA
<213> Python

<400> 264
tttcactttt gggtaaatac attcttcata ccaggaccag aggaaacctc agaaaaagta 60
gaaaatggaa gtctatgtga tcaagaaatc gatagcattt gcagtataga gcgtgcagat 120
aatgacaagg aatatctagt acttacttta acaaaaaatg atcttgacaa agcaaataaa 180
gacaaagcca accgatactt ttctccaaat 210

<210> 265
<211> 208
<212> DNA
<213> Turkey

<400> 265
tcacttttgg gtaaatacat tcttcatagg actggatgaa aattcagaca aagtagaaaa 60

tggaagtcta gttgcagatc aggaacttga tggtattttc agtacagagc gctcagataa 120
tgacaaggaa tatttaatcc ttacattaac aaaaaatgat ctagacaaag caaataaaga 180
caaagccaac cgatactttt ctccaaat 208

<210> 266
<211> 213
<212> DNA
<213> Chicken

<400> 266
tttcactttt gggtaaatac attcttcata ggactggatg aaaattcaga caaagtagaa 60
aatggaagtc tagttgcaga tcaggaactt gatggtattt tcagtacaga gcgctcagat 120
aatgacaagg aatatttaat ccttacatta acaaaaaatg atctagacaa agcaaataaa 180
gacaaagcca accgatactt ttctccaaat tta 213

<210> 267
<211> 210
<212> DNA
<213> Quail

<400> 267
ttcacttttg ggtaaataca ttcttcatag gactggatga aaattcagac aaagtagaaa 60
atggaagtct agttgcagat caggaacttg atggtatttt cagtacagag cgctcagata 120
atgacaagga atatttaatc cttacattaa caaaaaacga tctagacaaa gcaaataaag 180
acaaagccaa ccgatacttt tctccaaatt 210

<210> 268
<211> 213
<212> DNA
<213> Goose

<400> 268
atgtttcact tttgggtaaa tacattcttc ataggactgg atgaaaattc agacaaagta 60
gaaaatggaa gtctagttgc agatcaggaa cttgatggta ttttcagtac agagcgctca 120
gataatgata aggaatattt aatccttaca ttaacaaaaa atgatctaga caaagcaaat 180
aaagacaaag ccaaccgata cttttctcca aat 213

<210> 269
<211> 235
<212> DNA
<213> Trout

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 269
gtttcacttt tgggtaaatn nnttctttgt ccctggacca gaggagaact ttgagaaggt 60
tgagaacggg acgttaccaa cggagacgtt accaacggcg acgttaccaa aggagcaggc 120
aggaaaccaa acgggaggaa cgggggacaa cgacaaggat tacctgatcc tctcactgac 180
aaagaacgac ctggacaagg ccaacaagga taaabcaaac cgatactttt ctcca 235

<210> 270
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex9F sense

<400> 270
gtgaagctgt acttcacaaa aac 23

<210> 271
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> PTENex9tga antisense

<400> 271
aaaaaaattc agacttttgt aatttg 26

<210> 272
<211> 194
<212> DNA
<213> Man

<400> 272
gtgaagctgt acttcacaaa aacagtagag gagccgtcaa atccagaggc tagcagttca 60
acttctgtaa caccagatgt tagtgacaat gaacctgatc attatagata ttctgacacc 120
actgactctg atccagagaa tgaacctttt gatgaagatc agcatacaca aattacaaaa 180
gtctgaattt tttt 194

<210> 273
<211> 180
<212> DNA
<213> Chimpanzee

<400> 273
gtacttcaca aaaacagtag aggagccgtc aaatccagag gctagcagtt caacttctgt 60
aacaccagat gttagtgaca atgaacctga tcattataga tattctgaca ccactgactc 120
tgatccagag aatgaacctt ttgatgaaga tcagcataca caaattacaa aagtctgaat 180

<210> 274
<211> 176
<212> DNA
<213> Cattle

<400> 274
cttcacaaaa acagtagagg agtcatcaaa tccagaggct agcagttcaa cttctgtaac 60
accagatgtt agtgacaatg aacctgatca ttatagatat tctgacacca ctgactctga 120
tccagagaat gaacctttg atgaagatca gcatacacaa attacaaaag tctgaa 176

<210> 275
<211> 172
<212> DNA
<213> Sheep

<400> 275
cttcacaaaa acagtagagg agtcatcaaa tccagaggct agcagttcaa cgtctgtaac 60
accagatgtc agtgacaatg aacctgatca ttacagatat tctgacacca ctgactctga 120

cccagagaat gaacctttg atgaagatca gcatacacaa attacaaaag tc 172

<210> 276
<211> 178
<212> DNA
<213> Goat

<400> 276
tacttcacaa aaacagtaga ggagtcatca aatccagagg ctagcagttc aacgtctgta 60
acaccagatg tcagtgacaa tgaacctgat cattacagat attctgacac cactgactct 120
gacccagaga atgaaccttt tgatgaagat cagcatacac aaattacaaa agtctgaa 178

<210> 277
<211> 179
<212> DNA
<213> Red buffalo

<400> 277
tacttcacaa aaacagtaga ggagccatca aatccagagg ctagcagttc cacttctgtg 60
acacccgatg ttagtgacaa tgaacctgat cattatagat attctgacac cactgactct 120
gatccagaga atgaaccttt tgatgaagat cagcatacac aaattacaaa agtctgaat 179

<210> 278
<211> 179
<212> DNA
<213> Deer

<400> 278
tacttcacaa aaacagtaga ggagtcatca aatccagagg ctagcagttc aacttctgta 60
acaccagatg ttagtgacaa tgaacctgat cattatagat attctgacac cactgactct 120
gatccagaga atgaaccttt tgatgaagat cagcatacac aaattacaaa agtctgaat 179

<210> 279
<211> 173
<212> DNA
<213> Roe deer

<400> 279
acttcacaaa aacagtagag gagtcatcaa atccagaggc tagcagttca acttctgtaa 60
caccagatgt tagtgacaat gaacctgatc attatagata ttctgacacc actgactctg 120
atccagagaa tgaacctttt gatgaagatc agcatacaca aattacaaaa gtc 173

<210> 280
<211> 177
<212> DNA
<213> Goitred gazelle

<400> 280
cttcacaaaa acagtagagg agtcatcaaa tccagaggct agcagttcaa cgtctgtaac 60
accagatgtc agtgacaatg aacctgatca ttacagatat tctgacacca ctgactctga 120
cccagagaat gaaccttttg atgaagatca gcatacacaa attacaaaag tctgaat 177

<210> 281
<211> 180
<212> DNA
<213> Horse

<400> 281
gtacttcaca aaaacagtag aggagccatc aaatccagag gctagcagtt caacttctgt 60
aacaccagat gttagtgaca atgaacctga tcattataga tattctgaca ccactgactc 120
tgatccagag aatgaacctt ttgatgaaga tcagcataca caaattacaa aagtctgaat 180

<210> 282
<211> 180
<212> DNA
<213> Dog

<400> 282
gtacttcaca aaaactgtag aggagccatc aaacccggag gctagcagtt caacttctgt 60
gacgccagat gttagtgaca atgaacctga tcattataga tattctgaca ccactgactc 120
tgacccagag aatgaaccct ttgatgaaga tcagcacaca caaattacaa aagtctgaat 180

<210> 283
<211> 177
<212> DNA
<213> Sun bear

<400> 283
cttcacaaaa acagtagagg agccatcaaa tcccgaggct agcagttcaa cttctgtaac 60
accagacgtt agtgacaatg aacctgacca ttatcgatat tctgacacca ctgactctga 120
tccagagaat gaaccttttg atgaagatca gcatacacaa attacaaaag tctgaat 177

<210> 284
<211> 177
<212> DNA
<213> Rabbit

<400> 284
tacttcacaa aaacagtaga ggagccatca aatccagagg ctagcagttc aacttctgta 60
acgccagatg ttagtgacaa tgaacctgat cattatagat attctgacac cactgactct 120
gatccagaga atgaaccttt tgatgaagat cagcatacac aaattacaaa agtctga 177

<210> 285
<211> 179
<212> DNA
<213> Hare

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 285
tacttcacaa aaacagtaga ggagccatca aatccagagg ctagcagttc aacttctgta 60
acgccagatg ttagtgacaa tgancctgat cattatagat attctgacac cactgactct 120
gatccagaga atgaaccttt tgatgaagat cagcatacac aaattacaaa agtctgaat 179

<210> 286
<211> 175
<212> DNA
<213> Antelope

<400> 286
acttcacaaa aacagtagag gagccatcaa atccagaggc tagcagttca acttctgtaa 60
caccagatgt tagtgacaat gaacctgatc attatagata ytctgacacc actgactctg 120
atccagagaa tgaacctttt gatgaagatc agcatacaca aattacaaaa gtctg 175

<210> 287
<211> 174
<212> DNA
<213> Varan

<400> 287
ttcacaaaaa ccgtagaaga accatcaaac ccagaggcta gcagctcaac ttcagtaacg 60
ccagatgtta gtgataatga acctgatcat tataggtatt ctgataccac tgactctgat 120
ccagagaatg aacctttga tgaagatcag catacacaaa ttacaaaagt ctga 174

<210> 288
<211> 175
<212> DNA
<213> Turkey

<400> 288
ttcacaaaaa cagtagagga gccatcaaat ccagaggcta gcagttcaac ttctgtaaca 60
ccagatgtta gtgacaatga acctgatcat tatagatatt ctgacaccac tgactctgat 120
ccagagaatg aacctttga tgaagatcag catacacaaa ttacaaaagt ctgaa 175

<210> 289
<211> 182
<212> DNA
<213> Chicken

<400> 289
ctgtacttca caaaaacagt agaagagcca tcaaatcccg aggctagcag ttcaacttct 60
gtaacaccag atgttagtga caatgaacct gatcattaca gatactctga caccactgac 120
tctgatccag agaatgaacc ttttgatgaa gatcagcata cacaaattac aaaagtctga 180
at 182

<210> 290
<211> 177
<212> DNA
<213> Duck

<400> 290
cttcacaaaa acagtagaag agccatctaa tccagaggct agcagttcaa cttctgtaac 60
gccagatgtt agtgacaatg aacctgatca ttatagatac tctgacacca ctgactctga 120
tccagagaat gaacctttg atgaagatca gcatacgcaa attacaaaag tctgaat 177